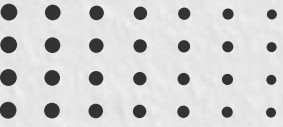




SENSEFLOW INSTRUMENTS PVT. LTD.

Every Sale Comes With Support...





SENSEFLOW INSTRUMENTS PVT.LTD.



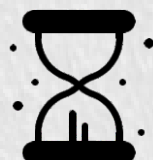
At **Senseflow Instruments Pvt. Ltd.**, we are committed to delivering reliable and innovative solutions in the field of **fluid measurement and dispensing systems**. With a strong focus on quality, precision, and customer satisfaction, we provide products that meet the highest industry standards.

Our products are designed with **accuracy, durability, and efficiency** in mind –helping industries handle fluid with confidence and ease.

With a focus on **quality, innovation, and customer satisfaction**, Senseflow delivers reliable solutions that keep your operations running smoothly.

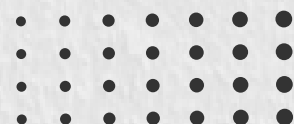
We aim to empower industries with **dependable instrumentation and dispensing technology** that ensures efficiency, reduces wastage, and supports sustainable operations.

With **advanced engineering, competitive pricing, and dedicated after-sales support**, Senseflow Instruments Pvt. Ltd. is your trusted partner for fluid handling solutions.



YEARS IN BUSINESS

10+





INDUSTRIES WE SERVE

At Senseflow Instruments Pvt. Ltd., our solutions are designed to meet the diverse needs of multiple industries. With our advanced range of Flow Meters, Diesel Dispensers, Drum Unloading Pumps, and AdBlue Dispensers, we provide reliable performance across various sectors:



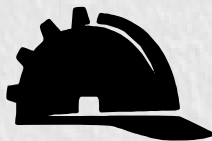
AUTO MOTIVE



MARINE



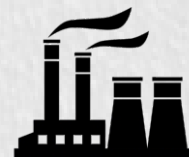
OIL & GAS



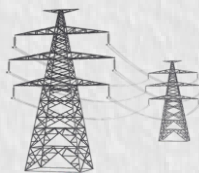
MINING



WORK SHOP



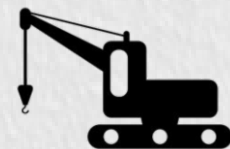
INDUSTRIAL



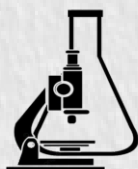
ELECTRICAL



CEMENT



CONSTRUCTION



CHEMICAL

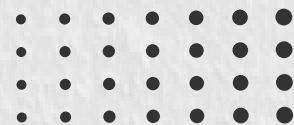


AVIATION



AGRICULTURE

Our wide application base ensures that no matter the industry, Senseflow delivers accuracy, efficiency, and durability.





**SENSE
FLOW.**

QUALITY ASSURANCE STATEMENT

At **Senseflow Instruments Pvt. Ltd.**, we ensure every product meets the highest standards of **accuracy, durability, and reliability**. Our solutions are tested for performance and built to last.

We strongly believe in long-term partnerships, which is why we focus not only on product quality but also on **dedicated after-sales service and customer support**.

**Our commitment : Quality you can trust,
service you can rely on.**

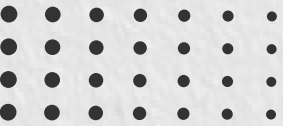


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FUEL SERIES

info@senseflowinstruments.com

1

SINGLE DISPLAY FUEL DISPENSER

(MODEL NO :- SIPL-DU-001)

The SenseFlow Single display fuel dispenser is proved by the Legal Metrology Department and complies with the standards required for commercial use in fuel dispensing applications. The system ensures accurate measurement, reliable performance, and meets the statutory requirements for trade and billing purposes. It is widely used in petrol stations and industrial fuel management systems. The unit integrates a digital display, electric pump, nozzle, hose, and built-in printer in one system.



Applications / Uses :-

Petrol Pumps (Fuel Stations)	:	for dispensing diesel fuel to vehicles.
Transport Companies	:	for their own fleet refuelling system.
Construction Sites & Mining Areas	:	where bulk diesel storage and fuelling is needed.
Industrial Use	:	for factories and workshops where diesel-operated machinery is used.
Mobile Fuel Tankers	:	can be fitted on fuel bowsers for on-site refuelling.

Technical Specifications :-

Flow Rate	:	40 – 120 liters per minute (depending on pump capacity)
Accuracy	:	±0.3% (standard)
Display	:	Single LCD/LED display (shows Volume in Liters, Amount, and Price)
Power Supply	:	AC 220V ±10% / 50Hz OR DC 12V/24V (depending on version)
Pump Type	:	Electric self-priming pump
Nozzle	:	Automatic shut-off nozzle (to stop fuel when tank fills)
Printer	:	Built-in thermal printer for receipts (prints Date, Time, Volume, Price, etc.)
Hose Pipe	:	4–6 meters (rubber + transparent reinforced suction pipe)
Suction Lift	:	2–5 meters
Meter Type	:	Piston flow meter (High Accuracy)
Operation Temperature	:	–20°C to +55°C
Body Material	:	Steel cabinet with lockable door for security
Communication Interface	:	RS485 (for PC or fleet management system). Can connect with central monitoring software.
Fluid Compatibility	:	Diesel, Kerosene, Biodiesel (not for Petrol or highly flammable liquids)

2

THREE DISPLAY FUEL DISPENSER

(MODEL NO :- SIPL-DU-002)

The SenseFlow Three display fuel dispenser is a compact digital diesel dispensing unit designed for accurate fuel delivery. It is widely used in petrol stations and industrial fuel management systems. The unit integrates a digital display, electric pump, nozzle, hose, and built-in printer in one system.



Applications / Uses :-

- Fuel Stations : For dispensing diesel with price, volume, and total sale monitoring.
- Transport & Logistics Companies : For internal fleet fuelling of trucks and buses.
- Construction Sites : Fuelling generators, cranes, earthmovers, and heavy machinery.
- Agriculture : Refuelling tractors, harvesters, and other farm equipment.
- Industries : Diesel supply for boilers, DG sets (diesel generators), and plant machinery.
- Mobile Fuel Browsers : Mounted on tankers for door-to-door fuel delivery.

Technical Specifications :-

- Flow Rate : 20 – 60 liters per minute (varies by pump capacity)
- Accuracy : High precision $\pm 0.5\%$ (approx.)
- Display : Single LCD/LED display (shows Volume in Liters, Amount, and Price)
- Power Supply : 12V DC (battery/vehicle use) or 230V AC (mains power)
- Pump Type : Electric pump (self-priming, diesel-compatible)
- Nozzle : Automatic shut-off nozzle (1")
- Inlet/Outlet Size : 1 inch (25 mm)
- Meter Type : Piston flow meter (High Accuracy)
- Hose Length : Standard 4m – 6m
- Printer : Built-in thermal printer for receipts (prints Date, Time, Volume, Price, etc.)
- Material : Heavy-duty steel body with powder coating for durability
- Inlet/Outlet Size : 1 inch (25 mm)
- Fluid Compatibility : Diesel, Kerosene, Biodiesel (not for Petrol or highly flammable liquids)

3

FUEL TRANSFER PUMP KIT WITH MECHANICAL FLOW METER

(MODEL NO :- SIPL-FTK-003)

The SenseFlow Diesel Transfer Pump Kit with Mechanical Flow Meter is a compact and reliable fuel dispensing solution designed for quick and accurate diesel transfer. It comes with a heavy-duty selfpriming pump, mechanical flow meter, automatic nozzle, and flexible hose. The system is easy to install, durable, and suitable for industrial, agricultural, transport fleet, and on-site refuelling applications. Its robust design ensures long service life and consistent performance even under demanding working conditions.

Applications / Uses :-

- Construction Sites : Dispensing fuel to heavy equipment like excavators, loaders, and cranes from an on-site tank or IBC.
- Agriculture : Fueling tractors, combines, and other machinery directly in the field.
- Forestry & Mining : Providing fuel access in remote, off-road locations.
- Private Fleet Management : Used by businesses with their own vehicle fleets (trucks, buses, vans) to manage refueling and track fuel usage accurately using the mechanical flow meter.
- Depot/Storage Tank Operations : Fixed to a wall, pedestal, or mounted on top of large storage tanks (like drums or IBCs) to create a dedicated, low-cost dispensing station.
- Cost Control & Inventory : The mechanical flow meter is essential for tracking dispensed volumes, helping the user monitor consumption, manage inventory, and maintain cost records without needing complex electrical components.



Technical Specifications :-

- Pump Type : Electric Rotary Vane Pump (likely self-priming)
- Power Input : 12V DC, 24V DC, or 220V AC
- Flow Rate : 40 - 80 (Liters Per Minute)
- Accuracy : $\pm 1\%$
- Flow Meter Type : Mechanical Flow Meter
- Meter Display : Resettable Batch Total (e.g., for the current fuelling session) and Non-resettable Cumulative Total (Odometer-style).
- Nozzle : Automatic shut-off nozzle ($\frac{3}{4}$ "
- Inlet Size : 1" Inch
- Outlet Size : $\frac{3}{4}$ " Inch
- Hose Length : Standard 4m - 6m
- Fluid Compatibility : Diesel, Kerosene, Biodiesel (not for Petrol or highly flammable liquids)

4

FUEL TRANSFER PUMP KIT WITH PRESET METER

(MODEL NO :- SIPL-FTP-004)

The SenseFlow Fuel transfer pump kit is a modern fuel dispensing system used to deliver diesel in accurate, pre-set quantities. It allows the user to set a specific amount of diesel to be dispensed in advance, and the machine automatically stops once that amount has been delivered. This prevents fuel wastage, ensures precision, and saves time. Diesel preset transfer kit are especially useful at fuel stations, transport companies, and for large fleet operations. Their use brings transparency, efficiency, and control in diesel distribution.



Applications / Uses :-

Farms & Agriculture	: Refueling tractors, harvesters, irrigation pumps
Construction Sites	: Fueling excavators, bulldozers, rollers, generators
Transport & Logistics	: Mounted on fuel delivery vans for vehicle refuelling
Mining and Quarrying	: Remote equipment refuelling with portable units
Workshops & Garages	: Filling diesel for test engines or backup generators
Disaster Management / Emergency Services	: Field refueling in remote disaster areas
Remote Power Systems	: Refueling diesel generators in telecom towers or off-grid power setups

Technical Specifications :-

Power Supply	: 12V DC /230 V AC
Pump Type	: Electric vane pump with bypass valve
Flow Rate	: 20–60 Litres per minute (L/min)
Meter Type	: Oval Gear Meter (OGM) for high accuracy
Accuracy	: ± 1 % (can vary by model)
Preset Controller	: Digital keypad for presenting volume (litters)
Display	: LCD digital display with batch and total readings
Nozzle	: Automatic shut-off nozzle (¾")
Inlet Size	: 1" Inch
Outlet Size	: ¾" Inch
Hose Length	: Standard 4m – 6m
Fluid Compatibility	: Diesel, Kerosene, Biodiesel (not for Petrol or highly flammable liquids)

5

PRESET OVAL GEAR FLOW METER

(MODEL NO :- SIPL-OFMP-005)

The SenseFlow Fuel Preset Oval Gear Flow Meter is a high-precision measuring device used to accurately measure the volume of fuels such as diesel, petrol, or other liquids. It uses oval-shaped gears that rotate as the liquid flows through the meter, providing highly accurate volumetric readings. The "preset" function allows the user to set a specific quantity in advance, and the flow automatically stops once the target amount is reached. This type of flow meter is widely used in industrial applications, fuel dispensing systems, and transportation companies where precise fuel measurement and control are critical.



Applications / Uses :-

- Fuel Stations (Petrol Pumps) : For accurately dispensing preset amounts of diesel, petrol, or other fuels to customers.
- Transport & Logistics Companies : To measure and control the fuel supplied to large fleets of trucks, buses, or heavy vehicles.
- Oil and Fuel Depots : Used to transfer and monitor large volumes of fuel with high precision during bulk operations.
- Construction and Mining Sites : For fueling heavy equipment and machinery on-site, ensuring no fuel is wasted.
- Industrial Fuel Management Systems : Integrated into automated systems for monitoring fuel usage in factories or large facilities.
- Generators and Storage Tanks : To fill fuel tanks or generators with a fixed quantity, preventing overfilling and fuel loss.

Technical Specifications :-

- Flow Range : 10 to 100 LPM / 20 to 200 LPM / 25 to 250 LPM
- Accuracy : $\pm 0.5\%$ or better
- Repeatability : $\pm 0.03\%$
- Viscosity Range : 1 - 1000 cP (can handle thicker fuels)
- Working Pressure : Up to 10 Bar (145 PSI)
- Operating Temperature : Up to 60°C (140°F)
- Material of Construction : Aluminum
- Display Type : Digital LCD with Keypad for volume entry, Start, Stop, and Clear functions
- Preset Function : Yes - programmable volume setting
- Power Supply : 12V DC or 220 V AC (depending on system)
- Connection Size : 1" / 1.5" / 2" BSP Thread
- Mounting Type : Inline / Panel-mounted
- Application Media : Diesel, Kerosene, Biofuel, Light oils

6

MECHANICAL OVAL GEAR FLOW METER

(MODEL NO :- OFMM-006)

The SenseFlow mechanical oval gear is a type of gear system made up of two oval-shaped gears that mesh together. These gears are commonly used in flow measurement devices, such as positive displacement flow meters. As a fluid or liquid passes through the system, the oval gears rotate in response to the flow. The unique shape of the gears allows them to displace a fixed amount of fluid with each rotation, making the measurement highly accurate. The rotational movement is directly proportional to the volume of fluid passing through, which helps in determining the exact flow rate. Oval gears are widely used for measuring the flow of oil, diesel, chemicals, and other liquid materials in industrial applications.

Applications / Uses :-

- Flow Measurement : Used to measure the precise flow rate of various liquids, especially where high accuracy is required.
- Oil & Lubrication Systems : Ideal for measuring engine oil, hydraulic oil, and lubricants in industrial machines and service stations.
- Food & Beverage Industry : Used to handle thick fluids like syrups, honey, chocolate, and vegetable oils due to their high viscosity handling.



Technical Specifications :-

- Flow Range : 20 to 120 LPM / 20 to 200 LPM / 25 to 250 LPM
- Accuracy : $\pm 0.5\%$ or better
- Repeatability : $\pm 0.03\%$
- Viscosity Range : 1 – 1000 cP (can handle thicker fuels)
- Working Pressure : Up to 10 Bar (145 PSI)
- Operating Temperature : Up to 60°C (140°F)
- Material of Construction : Aluminum
- Display Type : Mechanical Register (No external power required for measurement).
 1. Resettable Batch Total: (e.g., 4 digits shown) Measures the volume dispensed in a single operation. Can be reset using the lever/knob.
 2. Non-resettable Cumulative Total: (Odometer-style, 6 digits shown) Tracks the total volume of fluid that has passed through the meter over its lifespan.
- Connection Size : 1" / 1.5" / 2" BSP Thread
- Mounting Type : Inline / Panel-mounted
- Application Media : Suitable for Diesel, Kerosene, Lubricating Oils, Motor Oils, various Chemicals, and other viscous or non-viscous liquids, provided the materials are compatible

7

DIGITAL OVAL GEAR FLOW METER

(MODEL NO :- SIPL-OFMD-007)

The SenseFlow Digital oval gear meter is a type of gear system made up of two oval-shaped gears that mesh together. These gears are commonly used in flow measurement devices, such as positive displacement flow meters. As a fluid or liquid passes through the system, the oval gears rotate in response to the flow. The unique shape of the gears allows them to displace a fixed amount of fluid with each rotation, making the measurement highly accurate. The rotational movement is directly proportional to the volume of fluid passing through, which helps in determining the exact flow rate. Oval gears are widely used for measuring the flow of oil, diesel, chemicals, and other liquid materials in industrial applications.

Applications / Uses :-

Flow Measurement	:	Used to measure the precise flow rate of various liquids, especially where high accuracy is required.
Fuel Transfer Kits	:	Used in mobile or stationary diesel dispensing units (like those paired with a 12V/24V pump) to precisely measure the fuel volume delivered to vehicles and machinery.
Fleet Management	:	Providing accurate records of fuel consumption for cost tracking and reporting, often integrated into electronic management systems.
Workshop Oil Management	:	Accurately measuring the amount of engine oil, gear oil, or hydraulic fluid dispensed from bulk storage into workshop containers or directly into equipment.
Batch Mixing	:	Used in industrial settings where precise volumes of liquid need to be added to a process for consistent batch quality. Upgrading Mechanical Systems



Technical Specifications :-

Flow Range	:	20 to 120 LPM / 20 to 200 LPM / 25 to 250 LPM
Accuracy	:	±0.5% or better
Repeatability	:	±0.03%
Viscosity Range	:	1 – 1000 cP (can handle thicker fuels)
Working Pressure	:	Up to 10 Bar (145 PSI)
Operating Temperature	:	Up to 60°C (140°F)
Material of Construction	:	Aluminum
Display Function	:	1. Resettable Batch Total : Measures the volume dispensed in the current operation. 2. Non-resettable Cumulative Total : Tracks the total volume of fluid that has passed through the meter over its lifespan.
Control Interface	:	Integrated buttons for CLEAR (reset batch total), START (or power on), and TOTAL (view cumulative total).
Connection Size	:	1" / 1.5" / 2" BSP Thread
Mounting Type	:	Inline / Panel-mounted
Application Media	:	Suitable for Diesel, Kerosene, Lubricating Oils, Motor Oils, various Chemicals, and other viscous or non-viscous liquids, provided the materials are compatible

8

8 OVAL GEAR FLOW METER WITH PULSE OUTPUT

(MODEL NO :- SIPL-OFS-008)

The SenseFlow Oval Gear Flow Sensor with Pulse Output is specifically designed for integration into sophisticated or large-scale flow monitoring and control systems. It is not a standalone meter but a core component for automation.

Applications / Uses :-

Automation and Control Systems	:	PLC Integration: Connecting to a Programmable Logic Controller (PLC) or other industrial control systems for highly accurate batching, blending, and automated dispensing processes.
SCADA Systems	:	Providing real-time, accurate flow data to Supervisory Control and Data Acquisition systems for central monitoring and data logging in large depots or refineries.
Data Logging	:	Used to feed pulse data into electronic fueling terminals or FMS devices that track fuel consumption by driver, vehicle, or department.
High-End Fuel Dispensers	:	Used as the metering element inside commercial fuel dispensers that require a pulse signal to operate the electronic register and interface with point-of-sale systems.
Remote Monitoring	:	Integrating with telemetry units (wireless data transmission systems) to monitor fuel usage in remote locations without requiring an operator to visually check the meter.



Technical Specifications :-

Flow Range	:	20 to 120 LPM / 20 to 200 LPM / 25 to 250 LPM
Accuracy	:	±0.5% or better
Repeatability	:	±0.03%
Viscosity Range	:	1 – 1000 cP (can handle thicker fuels)
Working Pressure	:	Up to 10 Bar (145 PSI)
Operating Temperature	:	Up to 60°C (140°F)
Material of Construction	:	Aluminum
Output Type	:	Pulse Output (Electronic signal) - Generates an electrical pulse for every specific volume of liquid passed (e.g., 100 pulses per liter).
Power Input	:	Requires low-voltage DC power (e.g., 5 to 24 VDC) to power the sensor/Hall effect switch that generates the pulses.
Connection Size	:	1" / 1.5" / 2" BSP Thread
Mounting Type	:	Inline / Panel-mounted
Application Media	:	Suitable for Diesel, Kerosene, Lubricating Oils, Motor Oils, various Chemicals, and other viscous or non-viscous liquids, provided the materials are compatible

9

MECHANICAL FUEL FLOW METER (HIGH ACCURACY)

(MODEL NO :- SIPL-MFM-009)

The SenseFlow Mechanical Diesel Flow Meter is designed for precise measurement of diesel, kerosene, and light oils. It features a robust mechanical design with high accuracy and reliability, ideal for both mobile and stationary fuel dispensing systems. The easy-to-read display ensures clear volume tracking in liters, making it suitable for industrial, agricultural, and commercial applications. Built for durability and low maintenance, this meter provides consistent performance even in demanding environments.



Applications / Uses :-

- Fuel Transfer Systems : From diesel storage tanks to vehicles or equipment In workshops or maintenance garages
- Fuel Dispensers : In private fuelling stations Construction or mining sites
- Agricultural Equipment : Refuelling tractors, harvesters, etc.
- Generators and Industrial Machinery : Monitoring diesel usage for efficiency and maintenance scheduling
- Logistics and Transport Companies : Fuel tracking and accountability for fleet vehicles

Technical Specifications :-

- Type : Mechanical Flow Meter (Non-electronic)
- Display : 4-digit subtotal (0000 to 9999 Litres) 8-digit totalizer at the bottom (cumulative reading)
- Flow Rate : 20-120 L/min (Litres Per Minute)
- Max Operating Pressure : 3.5 Bar
- Measurement Unit : Litres
- Operation : Manual reset for subtotal; totalizer is non-resettable

10 FUEL PISTON FLOW METER

(MODEL NO :- SIPL-PFM-010)

The SenseFlow Fuel Piston Flow Meter is a precision instrument designed for accurate measurement of diesel, oil, and other non-corrosive liquids. It operates using a positive displacement piston mechanism, ensuring high accuracy even at low flow rates. Built with durable materials, it offers long service life and stable performance in harsh working conditions. This meter is ideal for industrial fuel dispensing, vehicle refueling systems, and bulk fuel transfer applications. Easy to install and maintain, it provides reliable and consistent readings for efficient fuel management.



Applications / Uses :-

- | | |
|---|--|
| Retail Petrol/Diesel Pumps (Custody Transfer) | : This type of high-accuracy meter forms the core measuring unit within standard commercial fuel dispensers. The meter's precision is required for legally selling fuel by volume. |
| Commercial Bulk Depots | : Used at fuel terminals and transfer stations to accurately measure large volumes of fuel being loaded or offloaded. |
| High-Volume Private Dispensing | : Installed in private fleet fuelling facilities where precise inventory tracking and cost control are paramount. |
| Marine/Aviation Fuelling Process Monitoring | : Used for high-value fuels where measurement errors must be minimized. |
| Requiring High Accuracy | : Used in manufacturing or chemical blending processes where very precise batching or blending ratios must be maintained. |

Technical Specifications :-

- | | |
|---------------------------|---|
| Flow Range | : 20 – 120 L/min |
| Accuracy | : $\pm 0.3\%$ of reading |
| Repeatability | : $\pm 0.2\%$ |
| Connection Size | : 1" BSP (Female) or custom |
| Maximum Pressure | : 10 Bar |
| Viscosity Range | : 2 – 1000 cP |
| Output Signal | : Pulse output (Reed switch) |
| Power Supply (for sensor) | : 5–24 V DC |
| Operation Principle | : Positive Displacement Piston Type |
| Temperature Range | : -10°C to $+60^{\circ}\text{C}$ |
| Display Compatibility | : Works with digital indicators, PLCs, and automation systems |
| Installation Position | : Horizontal / Vertical |

(MODEL NO :- SIPL - FTP-011)

The SenseFlow Fuel Transfer Pump is a compact and efficient solution for fast fuel transfer. making it ideal for mobile fuelling, agricultural machinery, and construction equipment. Built with a durable cast iron body and self-priming rotary vane design, it ensures reliable performance and long service life. Its lightweight and portable structure make it convenient for on-site diesel transfer applications.

Applications / Uses :-

Vehicle and Machinery Refueling	:	
Construction Sites	:	Transferring diesel from a storage tank or barrel directly into heavy machinery like excavators, bulldozers, or cranes.
Agricultural Settings	:	Fueling tractors, harvesters, and other farm equipment in fields.
Fleet Maintenance	:	Quick and easy refueling of trucks, buses, or company vehicles in remote locations or private yards.
Marine/Boating	:	Transferring diesel fuel into boats or marine equipment at docks or while on the water.
Mining and Forestry	:	Transferring fuel for generators and heavy-duty specialized equipment operating in remote areas.
Bulk Fluid Transfer	:	Moving diesel or light oils between storage drums, barrels, or tanks



Technical Specifications :-

Usage/Application	:	Diesel/ Kerosene/ Bio Diesel
Voltage	:	12 V DC / 230 V AC / 24 V DC
Max Flow Rate	:	100 Lpm
Power	:	600W
Suction	:	5m
Head	:	15m
Note	:	NOT FOR GASOLINE (clearly indicated on the pump)

(MODEL NO :- SIPL-FTP-012)

The SenseFlow Fuel Transfer Pump is a compact and efficient solution for fast fuel transfer. making it ideal for mobile fuelling, agricultural machinery, and construction equipment. Built with a durable cast iron body and self-priming rotary vane design, it ensures reliable performance and long service life. Its lightweight and portable structure make it convenient for on-site diesel transfer applications.

Applications / Uses :-

Vehicle and Machinery Refueling	:	
Construction Sites	:	Transferring diesel from a storage tank or barrel directly into heavy machinery like excavators, bulldozers, or cranes.
Agricultural Settings	:	Fueling tractors, harvesters, and other farm equipment in fields.
Fleet Maintenance	:	Quick and easy refueling of trucks, buses, or company vehicles in remote locations or private yards.
Marine/Boating	:	Transferring diesel fuel into boats or marine equipment at docks or while on the water.
Mining and Forestry	:	Transferring fuel for generators and heavy-duty specialized equipment operating in remote areas.
Bulk Fluid Transfer	:	Moving diesel or light oils between storage drums, barrels, or tanks



Technical Specifications :-

Usage/Application	:	Diesel/ Kerosene/ Bio Diesel
Voltage	:	12 V DC / 230 V AC / 24 V DC
Max Flow Rate	:	70 Lpm
Power	:	550W
Suction	:	3m
Head	:	10m
Note	:	NOT FOR GASOLINE (clearly indicated on the pump)

13 FUEL TRANSFER PUMP (40 LPM)

(MODEL NO :- SIPL-FTP-013)

The SenseFlow Fuel Transfer Pump is a compact, highly portable, and economical solution designed for low to medium-volume fuel transfer where mobility and battery power are required.



Applications / Uses :-

- | | | |
|--|---|---|
| Agriculture | : | Transferring diesel from barrels or IBCs to small tractors, farming ATVs, or generators in the field. |
| Construction Vehicle and Machinery Maintenance : | : | Fuelling small construction equipment, compressors, or utility vehicles onsite. |
| Off-Road Vehicles (ATVs, Snowmobiles) | : | Providing a simple fuelling solution for these types of equipment in remote areas. |
| Emergency Fuelling | : | Keeping in a service truck for transferring fuel in breakdowns or lowfuel situations. |
| Marine and Recreational | : | Transferring diesel fuel into smaller boats or equipment at marinas or docks using a boat's or a separate battery. |
| Storage Drum Transfer | : | Simple, efficient transfer of diesel or oil from a 200-liter drum to another container or directly into a machine tank. |

Technical Specifications :-

- | | | |
|-------------------|---|--|
| Usage/Application | : | Diesel/ Kerosene/ Bio Diesel |
| Power Input | : | 12 V DC / 24 V DC |
| Flow Rate (Max.) | : | 40 LPM |
| Power | : | 155W |
| Suction | : | 3m |
| Head | : | 10m |
| Note | : | NOT FOR GASOLINE (clearly indicated on the pump) |

(MODEL NO :- SIPL-DFN-014)

The SenseFlow Fuel nozzle with Digital flow meter is a precision-engineered fluid dispensing system designed for accurate, controlled filling, transfer, and dispensing of oils, fuels, lubricants, chemicals, and other liquids. Integrated with a high-precision digital flow meter, it allows real-time flow monitoring, ensuring accurate volume control and preventing overfills or wastage. Ideal for automotive workshops, fuel stations, industrial plants, chemical dosing, and lubricant dispensing systems, this robust dispensing nozzle combines ease of use, ergonomic handling, and high accuracy, making it an essential tool for efficient fluid handling operations.



Applications / Uses :-

Fuel Stations	:	For dispensing Diesel, Light oil or AdBlue with accurate measurement.
Transport & Logistics	:	Fleet operators for tracking fuel filling of trucks and buses.
Industrial Use	:	Factories, workshops, and heavy machinery for controlled fuel supply.
Agriculture	:	Dispensing Diesel into tractors, harvesters, and farm equipment.
Construction Sites	:	For fuelling generators, construction vehicles, and heavy equipment.
Mobile Fuel Dispensing Units	:	Installed in bowsers and fuel tankers for on-site fuelling.

Technical Specifications :-

Type	:	Digital Fuel Dispensing Nozzle with inbuilt Flow Meter
Size	:	1 inch (25 mm)
Flow Rate Capacity	:	20-120 liters per minute
Accuracy	:	±0.5% to ±1% (depending on liquid and calibration)
Display	:	Digital LCD screen showing real-time dispensing volume
Material	:	High-strength Aluminium body with protective coating
Power Supply	:	Battery-operated (for digital meter display)
Inlet Connection	:	1" BSP (Threaded)
Reset Function	:	Manual reset button for batch measurement
Cumulative Reading	:	Stores total dispensing volume for tracking
Temperature Range	:	-10°C to +60°C (approximate)
Pressure Range	:	0.2 – 3.5 bar
Fluid Compatibility	:	Diesel, Kerosene, AdBlue (DEF), Petrol (some models), and other light oil-based liquids

(MODEL NO :- SIPL-FN-015)

The SenseFlow Fuel nozzle auto cut off is a common device used in fuel dispensing systems to deliver fuel (like diesel or gasoline) safely and efficiently from a pump into a vehicle or storage tank. Its most important feature is the ability to stop the flow of fuel automatically.

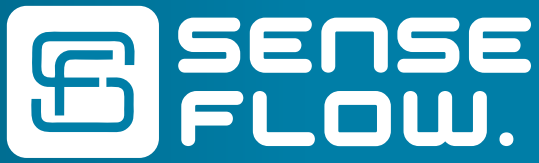
Applications / Uses :-

Fuel Stations	:	For refueling diesel vehicles Prevents overfilling and spillage
Construction & Mining Sites	:	Refueling of heavy machinery and off-road equipment
Agriculture	:	Used for fueling tractors, harvesters, and other agricultural machines
Transport & Logistics Depots	:	Fleet vehicle refueling (trucks, buses, etc.)
Diesel Storage Tanks / Mobile Fuel Tanks	:	Dispensing fuel in remote locations or during emergency supply



Technical Specifications :-

Product Name	:	Diesel Nozzle with Auto Cut-Off
Material	:	High-grade Aluminum Alloy with plastic grip (durable & corrosion-resistant)
Inlet Size	:	1 inch (25 mm) / 3/4" inch (20 mm)
Flow Rate Capacity	:	Up to 120 liters per minute
Auto Cut-Off Function	:	Stops fuel flow automatically when tank is full, preventing spillage
Durable Construction	:	Built to handle tough environments and frequent use
User-Friendly	:	Easy to handle, safe to operate
Nozzle Spout	:	Curved metal spout with anti-splash tip
Color	:	Red, Green, Blue



ADBLUE SERIES

info@senseflowinstruments.com



AdBlue

16 SINGLE DISPLAY ADBLUE DISPENSER

(MODEL NO :- SIPL ADU-016)

The Senseflow AdBlue dispenser is a dedicated pumping system designed for the safe and efficient dispensing of AdBlue, also known as Diesel Exhaust Fluid (DEF). AdBlue is a clear, non-toxic, highpurity urea solution (32.5% urea in deionized water) used in Selective Catalytic Reduction (SCR) systems to reduce harmful nitrogen oxide (NOx) emissions from diesel engines. The dispenser ensures accurate, clean, and controlled delivery of the fluid into a vehicle's AdBlue tank. Unlike conventional fuel dispensers, AdBlue dispensers are made with materials resistant to the corrosive effects of urea, such as stainless steel or high-grade plastics, and include specialized seals, hoses, and nozzles to prevent contamination. They are commonly installed at fuel stations, transport depots, agricultural and construction sites, or any facility operating diesel-powered fleets.



Applications / Uses :-

Petrol Pumps / Fuel Stations	:	AdBlue refilling facility.
Fleet Owners / Logistics Companies	:	Monitoring AdBlue consumption.
Bus Depots / Truck Terminals	:	Bulk AdBlue dispensing.
Automobile Workshops	:	Refilling AdBlue tanks in cars & commercial vehicles.
Vehicle Service Workshops	:	Passenger cars, buses, trucks me AdBlue refilling ke liye
AdBlue Distribution Companies	:	Bulk delivery tankers and portable unit

Technical Specifications :-

Flow Rate	:	5 to 60 liters per minute
Accuracy	:	±0.5% (standard)
Display	:	Single LCD/LED display (shows Volume in Liters, Amount, and Price)
Power Supply	:	AC 220V ±10% / 50Hz OR DC 12V/24V (depending on version)
Pump Type	:	Electric self-priming pump
Nozzle	:	Automatic shut-off nozzle (to stop fuel when tank fills)
Printer	:	Built-in thermal printer for receipts (prints Date, Time, Volume, Price, etc.)
Hose Pipe	:	4-6 meters (rubber + transparent reinforced suction pipe)
Suction Lift	:	2-5 meters
Meter Type	:	Piston flow meter (High Accuracy) / Oval gear flow meter
Operation Temperature	:	-20°C to +55°C
Body Material	:	Steel cabinet with lockable door for security
Communication Interface	:	RS485 (for PC or fleet management system). Can connect with central monitoring software.
Supported Liquid	:	Specially designed for AdBlue / DEF (32.5% urea solution). Not suitable for petrol/diesel (different materials are used for fuel)

(MODEL NO :- SIPL- ADU-017)

The Sense Flow AdBlue / Urea / DEF Dispenser is a compact and reliable unit designed for accurate and safe AdBlue dispensing. It features a digital display for volume, price, and cost per litre, along with an inbuilt printer for easy receipt generation. With a high-quality nozzle, hose, and filtration system, it ensures clean and efficient operation—ideal for fleet stations, service centers, and industrial use.

Applications / Uses :-

Petrol Pumps / Fuel Stations	:	AdBlue refilling facility.
Fleet Owners / Logistics Companies	:	Monitoring AdBlue consumption.
Bus Depots / Truck Terminals	:	Bulk AdBlue dispensing.
Automobile Workshops	:	Refilling AdBlue tanks in cars & commercial vehicles.
Vehicle Service Workshops	:	Passenger cars, buses, trucks me AdBlue refilling ke liye
AdBlue Distribution Companies	:	Bulk delivery tankers and portable unit



Technical Specifications :-

Flow Rate	:	20 – 60 L/min (depending on pump capacity)
Meter Type	:	Digital flow meter (high accuracy $\pm 0.5\%$)
Display	:	Litre Display (Dispensed quantity in liters) Sale Display (Total price in ₹ ors) Price per Litre Display (Adjustable, programmable)
Printer	:	In-built thermal printer (receipt generation with Litre, Rate, Amount, Date & Time)
Pump Type	:	Electric self-priming pump (suitable for AdBlue / DEF)
Filter	:	In-line filter for particle removal
Nozzle	:	3/4" Automatic Cut-off DEF Nozzle (AdBlue compatible)
Hose Pipe	:	DEF compatible (3/4" dia, standard length 4–6 m)
Power Supply	:	220V AC (single phase) Optional: 12V / 24V DC model available for mobile dispensing
Cabinet	:	Powder coated steel enclosure, weather resistant
Operating Temperature	:	-10°C to +50°C

18 ADBLUE DISPENSER WITH PRESET METER

(MODEL NO :- SIPL- ADU-018)

The SenseFlow Preset AdBlue Dispenser with OGM Flow Meter is a compact and efficient unit designed for accurate dispensing of AdBlue (DEF/Urea). It features a digital preset controller, allowing users to set the exact amount of fluid to be dispensed automatically. The unit includes a high-precision Oval Gear Meter (OGM) for accurate flow measurement, a durable electric pump for steady fluid transfer, and a clear filter housing to ensure purity by removing contaminants. Its userfriendly interface with multiple control buttons makes it ideal for workshops, fleet operators, and industrial setups that require controlled AdBlue dispensing. The sturdy design and efficient filtration system help maintain the quality of AdBlue and extend the life of SCR systems in diesel vehicles.



Applications / Uses :-

Automotive Sector	:	For filling AdBlue / DEF in trucks, buses, cars and off-road vehicles equipped with SCR (Selective Catalytic Reduction) technology.
Fleet Operators	:	For in-house AdBlue dispensing in transport companies.
Fuel Stations	:	As an additional dispensing unit for AdBlue alongside diesel pumps.
Industrial Use	:	For storage and dispensing of Urea solution in factories and workshops.
Main Purpose	:	To reduce harmful NOx emissions from diesel engines by supplying AdBlue /DEF fluid into SCR systems.

Technical Specifications :-

Application	:	AdBlue / AUS32 / DEF (Diesel Exhaust Fluid) dispensing
Pump Type	:	Electric diaphragm pump (specially designed for AdBlue / Urea)
Flow Rate	:	20 – 40 L/min
Meter Type	:	Preset Digital Oval Gear Flow Meter
Display	:	LCD digital screen
Unit	:	Liter (L) Preset function (automatic stop when set quantity is reached)
Accuracy	:	±0.5% to 1 %
Power Supply	:	230V AC (also available in 12V/24V DC models)
Suction Hose	:	Transparent suction hose with filter
Delivery Hose	:	4–6 meter high quality hose
Nozzle	:	Manual/automatic AdBlue nozzle (polypropylene or stainless steel option)
Viscosity Handling	:	Specially designed for low viscosity fluid like AdBlue/DEF/Urea solution (32.5% urea + 567.5% demineralized water)
Material Compatibility	:	Pump, seals and fittings made from AdBlue resistant materials (PP, Stainless steel, EPDM, Viton, etc.)

19 K24 DIGITAL TURBINE FLOW METER

(MODEL NO :- SIPL-KFM-019)

The SenseFlow K24 Flow Meter is a digital turbine meter designed for accurately measuring the flow of AdBlue, Urea, DEF, water, and other low-viscosity, non-corrosive fluids. Commonly used in dispensing systems, it features a clear digital display showing real-time flow rate and total volume, making it ideal for automotive workshops, fleet refueling stations, and industrial applications. The meter is battery-operated, easy to install, and offers reliable, maintenance-free operation. Its compact design and precise readings make it an essential tool for managing fluid consumption and ensuring proper dosing in SCR-equipped diesel vehicles.



Applications / Uses :-

Automobile Service Stations	:	For accurate dosing of AdBlue or windshield washer fluids during vehicle servicing.
Fleet Fueling and Transport Depots	:	Monitoring fluid usage across multiple vehicles in a fleet.
Agricultural Sector	:	Measuring usage of water, fertilizers, or urea-based solutions in tractors and sprayers.
Industrial Fluid Management	:	Monitoring flow of water, coolants, or other process liquids in machinery.
Construction Equipment & Generators	:	Monitoring AdBlue or diesel usage in on-site equipment.

Technical Specifications :-

Product Name	:	K24 Digital Turbine Flow Meter (for AdBlue / Urea / DEF)
Measuring Principle	:	Turbine type digital flow meter
Flow Range	:	5 – 120 L/min
Accuracy	:	±1%
Repeatability	:	±0.3%
Max. Pressure	:	10 bar
Inlet / Outlet Size	:	1" BSP (m) Thread
Body	:	Polypropylene (chemical resistant)
Turbine	:	PVDF (suitable for AdBlue, DEF, water-based solutions)
Seals	:	Viton / EPDM (urea compatible)
Display	:	2-line LCD display Resettable Batch Total (partial) Non-resettable Totalizer
Power Supply	:	2 × AAA batteries (replaceable, long life)
Mounting Position	:	Can be installed in line (horizontal / vertical)
Mediums	:	AdBlue (AUS 32), Urea Solution, Water, windshield fluid, and other low-viscosity chemicals

20 ADBLUE PRESET FLOW METER

(MODEL NO :- SIPL-APFM -020)

The SenseFlow AdBlue Preset Flow Meter is a digital dispensing device that measures and controls the exact volume of AdBlue delivered. It ensures accuracy, prevents wastage, and is widely used in fuel stations, workshops, and industries that use AdBlue for reducing vehicle emissions.

Applications / Uses :-

AdBlue / DEF Filling Stations	:	For accurate dispensing of Diesel Exhaust Fluid into vehicles.
Transport & Logistics	:	Fleet operators use it for controlled AdBlue refilling.
Automobile Service Workshops	:	Used for servicing SCR-equipped diesel vehicles.
Industrial Use	:	Where AdBlue or other urea-based solutions are used for NOx reduction.
Commercial Dispensing Systems	:	For fuel stations, AdBlue tank installations, and mobile dispensing units.



Technical Specifications :-

Measuring Principle	:	Positive displacement using oval gears.
Flow Range	:	10 – 100 Litter per minute
Accuracy	:	±0.5% to ±1% (after proper calibration).
Display	:	Digital LCD screen with preset function (shows liters, totalizer, and price if connected).
Preset Function	:	Allows user to set required quantity (e.g., 5 liters) and stops automatically when the volume is reached.
Units	:	Liters (L).
Material	:	Corrosion-resistant body (suitable for AdBlue / DEF).
Power Supply	:	230 V AC / 12 V DC
Connection	:	1" BSP (F) THREAD
Temperature Range	:	-10°C to +50°C
Pressure Range	:	Up to 10 BAR
Keypad Control	:	Numeric keypad with Start/Stop, Clear, Preset volume entry.
Compatibility	:	Specially designed for AdBlue / DEF (Diesel Exhaust Fluid), but can also handle other low-viscosity liquids (like water, windshield fluid, etc.).

21 ADBLUE PISTON FLOW METER

(MODEL NO :- SIPL-APFM-021)

The SenseFlow Piston Flow Meter is specially engineered for high-precision measurement of AdBlue (DEF), ensuring accurate and reliable dosing essential for modern emission control systems. Designed with chemically resistant materials, it offers excellent durability against the corrosive nature of AdBlue, making it ideal for use in fuel stations, mobile dispensers, fleet fueling, and industrial dosing applications. Its robust construction, wide flow range, and low pressure drop guarantee seamless integration into various systems, while maintaining accuracy within $\pm 0.5\%$. Easy to install and maintain, this meter ensures optimal performance and efficiency in every application, helping industries meet stringent environmental standards with confidence.



Applications / Uses :-

Fuel Stations & Dispensers	:	For dispensing AdBlue/DEF accurately into vehicles.
Fleet Fuelling Systems	:	Ensures precise measurement when filling trucks, buses, and heavy duty vehicles.
Industrial Applications	:	In industries using Urea/DEF solutions for SCR (Selective Catalytic Reduction) systems.
Storage & Distribution	:	Tankers, depots, and warehouses where AdBlue is filled, transferred, or sold.
OEM Equipment	:	Integrated into AdBlue dispensers, mobile fueling units, and automated dosing systems.

Technical Specifications :-

Flow meter type	:	Positive Displacement Piston Flow Meter
Application Fluids	:	AdBlue (DEF – Diesel Exhaust Fluid), Urea solution, Water-based fluids
Accuracy	:	$\pm 0.5\%$ (sometimes $\pm 0.2\%$ depending on calibration)
Repeatability	:	-0.1%
Flow Range	:	~10 – 120 L/min
Working Pressure	:	Up to 10 bar
Viscosity Range	:	1 – 1000 mPa·s
Material of Construction	:	Body: Stainless Steel Seals: Viton / EPDM (compatible with AdBlue/DEF)
Temperature Range	:	-10 °C to +50 °C
Connection Size	:	1" BSP
Output	:	Pulse output for external systems (PLC, dispenser controller, automation)

22 ADBLUE MANUAL NOZZLE

(MODEL NO :-SIPL – AMN-022)

The SenseFlow AdBlue manual plastic nozzle is a durable, chemical-resistant tool designed for safe and easy dispensing of AdBlue fluid. Commonly used at fuel stations, fleet depots, and mobile units, it offers precise flow control and comfortable handling, helping reduce spills and waste during manual refilling of SCR-equipped vehicles.



Applications / Uses :-

- Commercial Fleets and Transport : Refilling the AdBlue tanks of large trucks, buses, and commercial vehicles at company depots.
- Workshops and Garages : Used in auto shops for the safe and clean refilling of diesel cars and vans.
- On-Site and Agricultural Use : Integrated into mobile dispensing kits and pumps attached to IBC tanks or barrels used on farms or construction sites for machinery like tractors.
- Service Stations : Used at dedicated public AdBlue pumps.

Technical Specifications :-

- Product Name : AdBlue / Urea / DEF Manual Nozzle (Blue)
- Size Options : 3/4" & 1" inlet
- Flow Rate : 10–60 L/min (depending on size & pump capacity)
- Body : High-grade Polypropylene (chemical & corrosion resistant)
- Spout : Stainless Steel
- Seals : Viton / EPDM (AdBlue / DEF compatible)
- Type : Manual (No auto cut-off, operator-controlled)
- Weight : Lightweight design for easy handling
- Operating Pressure : Up to 3–4 bar
- Working Mediums : Diesel Exhaust Fluid (DEF), Water-based non-corrosive solutions
- Features : Ergonomic handle for comfortable operation Simple, economical design High chemical resistance for long service life

23 ADBLUE NOZZLE AUTO CUT

(MODEL NO :-SIPL-AAN-023)

The SenseFlow Auto Cut-Off AdBlue (DEF) Dispensing Nozzle manufactured by Sense Flow, specifically designed for refilling diesel vehicles. It is constructed with chemical-resistant materials, featuring a plastic body and a stainless steel spout, which is crucial because AdBlue is corrosive to standard metal components. The key safety feature is the automatic shut-off mechanism that instantly stops the flow when the vehicle's tank is full, preventing spillage and waste. This nozzle is widely used in commercial, agricultural, and industrial settings for dispensing AdBlue from mobile tanks and barrels.



Applications / Uses :-

- Commercial Fleets and Transport : Refilling the AdBlue tanks of large trucks, buses, and commercial vehicles at company depots.
- Workshops and Garages : Used in auto shops for the safe and clean refilling of diesel cars and vans.
- On-Site and Agricultural Use : Integrated into mobile dispensing kits and pumps attached to IBC tanks or barrels used on farms or construction sites for machinery like tractors.
- Service Stations : Used at dedicated public AdBlue pumps

Technical Specifications :-

- Size / Inlet Connection : 1" BSP (M) THREAD
- Flow Rate : 40-60 L/min
- Outlet Spout size : 15 mm / 19 mm
- Body : Engineering plastic (high strength, corrosion resistant)
- Spout : Stainless Steel
- Seal : Compatible with Urea / DEF solution (EPDM / Viton)
- Operating Pressure : 2 - 5 bar
- Working Mediums : DEF (Diesel Exhaust Fluid) ,Water-based non-corrosive solutions
- Auto Cut-Off Function : Stops fuel flow automatically when tank is full, preventing spillage

24 ADBLUE TRANSFER PUMP

(MODEL NO :-SIPL-ATP-024)

The SenseFlow AdBlue / Urea / DEF Diaphragm Pump is a high-quality self-priming electric pump designed for the transfer of AdBlue, diesel exhaust fluid, and urea solutions. It features durable construction, smooth operation, and reliable performance for continuous use. Ideal for industrial and automotive applications.

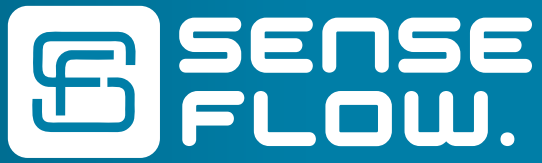
Applications / Uses :-

Automotive Industry	:	for AdBlue / DEF dispensing in vehicles
Transportation & Logistics	:	for fleet refilling operations
Agriculture Industry	:	for spraying and fluid transfer applications
Chemical Industry	:	for handling mild, non-corrosive chemicals
Manufacturing Plants	:	for process fluid transfer and dosing
Water Treatment Industry	:	for transferring urea and treatment solutions
Service & Maintenance Workshops	:	for equipment refilling and servicing



Technical Specifications :-

Voltage	:	230V AC / 12 V DC
Flow Rate	:	35 - 40 L/min
Power	:	370W
Current	:	2 Amp
Max Suction Height	:	2.5 meters
Max Delivery Head	:	10 meters
Duty Cycle	:	Continuous
Inlet/Outlet	:	1" BSP
Pump Type	:	Self-priming diaphragm type
Protection	:	Thermal overload protection, corrosion-resistant body
Operation	:	Continuous duty with ON/OFF switch
Application	:	Suitable for AdBlue, Urea, DEF, and Water-based non-corrosive fluids



PUMP SERIES

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25 Oil Drum Pump & Digital nozzle with flow meter

(MODEL NO :-SIPL-NBP-025)

The SenseFlow Pneumatic Air Operated Oil Drum Pump Kit is a high-performance, air-driven pump designed for transferring lubricating oils and fluids from drums or barrels with precision and efficiency. It features a digital nozzle with a flow meter that ensures accurate dispensing, reducing waste and improving operational control. This pump is ideal for heavy-duty applications and continuous industrial use, ensuring reliability and low maintenance.

Applications / Uses :-

Automotive Service & Maintenance	: Dispensing and transferring engine oil, hydraulic oil, gear oil, and transmission fluids
Heavy Equipment Workshops	: Used in oil service centers, garages, and vehicle maintenance workshops
Oil & Lubricant Distribution Companies	: Suitable for industrial lubrication systems and machinery maintenance
Marine and Aviation Maintenance Facilities	: Ideal for accurate oil measurement and controlled dispensing operations
Industrial Machinery Maintenance	: Improves productivity in places where frequent oil transfer and dispensing is required.



Technical Specifications :-

Flow rate	: 6 to 10 LPM
Pressure ratio	: 5:1
Oil outlet	: 1/2
Tube Length	: 950mm
Overall length	: 970mm
Tube Diameter	: 45 mm
Lift Conveying	: 150 m
Suitable oil drum	: 208L
Digital Nozzle with Flow Meter	: Measures oil dispensing accurately. Digital display for easy reading.
Accuracy	: $\pm 0.5\%$ (depending on model).
Material Construction	: Pump Body: Aluminum alloy
Suction Tube	: Carbon steel plated.
Seals	: NBR / Viton (oil-resistant).
Filter & Regulator Assembly	: Ensures clean, regulated compressed air supply.
Nozzle Type	: Ergonomic oil dispensing nozzle with trigger and digital meter.
Compatibility	: Designed for lubricating oils (engine oil, gear oil, hydraulic oil, transmission oil, etc.)

26 ELECTRIC BARREL DRUM PUMP

(MODEL NO :-SIPL-EDP-026)

The Senseflow Electric Drum Pump is a lightweight and portable pump designed for quick and effortless transfer of liquids from drums or barrels. It operates on electric power, making it ideal for handling low to medium-viscosity fluids efficiently. The pump is easy to use, safe, and suitable for continuous operation, ensuring clean and spill-free fluid transfer.

Applications / Uses :-

Automotive & Transportation	:	For transferring diesel, kerosene, water, and light oils from drums or containers
Workshops & Service Centers	:	Commonly used in automotive workshops, industries, for transfer oil and diesel
Manufacturing & Industrial Plants	:	Ideal for maintenance departments, service stations, and warehouses



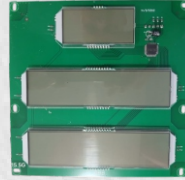

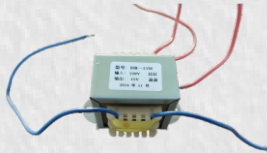
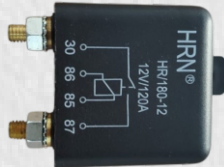

Technical Specifications :-

Pump Type	:	Electric Drum Pump
Voltage	:	220V AC / 50Hz (Battery power Optional)
Motor Power	:	200–400W (depending on model)
Flow Rate	:	20 – 100 L/min
Suction Tube Length	:	Suitable for 200L drums
Discharge Hose	:	Flexible PVC / transparent hose
Material	:	Aluminum alloy tube with plastic housing
Liquid Temperature Range	:	Up to 60°C
Compatible Fluids	:	Diesel, kerosene, water, light oils, and non-corrosive liquids

27 ACCESSORIES

MODEL NO.	PRODUCT NAME	PRODUCT PHOTO	SPECIFICATION
SIPL-FF-027	FUEL FILTER		INLET / OUTLET SIZE :- 1" SHELL : Aluminum Base : Aluminum
SIPL-FF-028	FUEL FILTER TRANSPARENT		INLET / OUTLET SIZE :- 1" SHELL : Aluminum Base : Aluminum
SIPL-FF-029	FUEL FILTER WITH STAINLESS STEEL STRAINER		INLET / OUTLET SIZE :- 1" SHELL : Aluminum Base : Aluminum
SIPL-AF-030	ADBLUE FILTER		INLET / OUTLET SIZE :- 3/4" MATERIAL :- PET COLOUR :- Transparent
SIPL-FDH-031/4 mtr SIPL-FDH-031/6 mtr SIPL-FDH-031/8 mtr SIPL-FDH-031/10 mtr	FUEL DISPENSING HOSE		SIZE :- 3/4" and 1"
SIPL-DSV-032	DIESEL SOLENOID VALVE		Flow rate :- 3 – 90 L/min Voltage : 12 V DC / 230 V AC Connection :- 1" Thread Material :- Brass

MODEL NO.	PRODUCT NAME	PRODUCT PHOTO	SPECIFICATION
SIPL-ASV-033	ADBLUE SOLENOID VALVE		Flow rate :- 3 – 50 L/min Voltage : 230 V AC Connection :- 3/4" Thread Material :- Stainless steel
SIPL-SC-034	SWIVEL CONNECTOR		SIZE :- 3/4" and 1"
SIPL-NH-035	NOZZLE HOLDER WITH HALL SWITCH		NOZZLE BOOT WITH AUTOMATIC SWITCH
SIPL-ITC-036	IBC TANK CONNECTOR		INLET SIZE :- 2" OUTLET :- 3/4" AND 1" (Direct connect hose pipe)
SIPL-CH-037	CLEAR HOSE PIPE		SIZE ;- 3/4" AND 1"
SIPL-SDD-038	SINGAL DISPENSER DISPLAY		POWER :- 12 V DC
SIPL-SDP-039	SINGAL DISPENSER POWER CARD		POWER:- 230 V AC

MODEL NO.	PRODUCT NAME	PRODUCT PHOTO	SPECIFICATION
SIPL-TDD-040	THREE DISPENSER DISPLAY		
SIPL-TDP-041	THREE DISPENSER POWER CARD		POWER :- 12 V DC / 230 V AC
SIPL-TDT-042	THREE DISPENSER TRANSFORMER		POWER : 230 V AC
SIPL-TDR-043	THREE DISPENSER RELAY		POWER :- 12 V DC
SIPL-FP-044	PULSER FOR FLOW METER		POWER :- 5 TO 24 V DC



SENSEFLOW INSTRUMENTS PVT.LTD.

Senseflow has an extensive sale team across India to help you out with any query related to product, application or installation

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