

AVERY-HARDOLL® RANGE OF METERS AND ACCESSORIES

The Avery-Hardoll range of meters and accessories is manufactured by Silea Liquid Transfer S.r.l. in Bologna, Italy and they offer a wide range of meters and accessories to accommodate most fuelling applications.



BM Positive Displacement Meters

The BM series bulkmeter has become the industry standard for aircraft refuelling, where accuracy, repeatability and reliability are essential due to the high uplift volumes and critical nature of the application. It is available in a range of sizes from 2.1/2 inch up to 6 inch with flow rates up to 4250 litres/minute and with ductile iron, fabricated steel or aluminium manifolds. The BM meters are available with mechanical or electronic registers and can be fitted with pulse transmitters to allow for connection to other electronic systems.

DM Positive Displacement Meters

The DM series bulkmeter is designed specifically for installation on depots. It has an inline design which allows it to be fitted in pipework where space is limited. Due to the application it is only available in cast steel with 4 inch flanges. The DM meter is available with mechanical or electronic registers and can be fitted with pulse transmitters to allow for connection to other electronic systems.



Master Meters

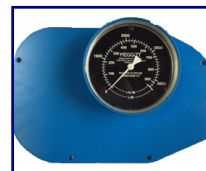
When calibrating working meters it is essential that the process is carried out against a Master Meter where the accuracy and repeatability are of paramount importance. The BM series meter is the ideal solution for a Master Meter and it is the industry standard. Any of the meters in the BM range can be a Master Meter and they are available with either a mechanical or electronic readout. The Avery-Hardoll Master Meters are fully suitable for testing to EI HM16 with either 6, 8 or 12 point calibrations available.

Accessories

The Avery-Hardoll mechanical meters come complete with a Veeder Root head which can read in Litres, Litres x 10, Decalitres, Cubic Metres, Imperial Gallons or US Gallons. The mechanical meters are available with a range of accessories including:

- Rate of Flow Indicator
- Ticket Printer (accumulative or zero start)
- Internal Pulse Transmitter

Although the *MASTERLOAD II*™ system has been discontinued, Aljac continues to support existing units with spare parts available from stock.



SAMPI RANGE OF METERS AND ACCESSORIES

M Series Positive Displacement Meters

The M series Positive Displacement meters are manufactured in aluminium alloy and have a unique design which uses three synchronised rotors to accurately measure fuel volume. It is available in a range of sizes from 1.1/2 inch up to 6 inch with flow rates up to 3785 litres/minute. The meters are available with mechanical or electronic registers and can be fitted with pulse transmitters to allow for connection to other electronic systems.



MS Series Positive Displacement Meters

The MS series Positive Displacement meters consist of a spherical Steel case with flanged inlet and outlet connections. The shell houses the standard aluminium M series meter but it allows the meters to be installed on depots where steel meters are preferred. It is available in a range of sizes from 2 inch up to 6 inch with flow rates up to 3780 litres/minute. The meters are available with mechanical or electronic registers and can be fitted with pulse transmitters to allow for connection to other electronic systems.



Mechanical and Electronic Accessories

The meters (mechanical or electronic) can be fitted with a range of accessories beyond the standard Veeder Root head or LCR-II/LCR 600. Accessories include:

- Ticket Printer
- Preset Register and Preset Valve
- Electronic Temperature Volume Compensation (ETVC)
- Strainer
- Air Eliminator
- Rate of Flow Indicator

Electronics

Sampi offers an ATEX Zone 1 rated electronic display with a 7 inch high contrast display, large tactile buttons for easy operator use and dedicated smart keys. It offers simultaneous dual meter control, customisable display parameters, day/night mode and many more features. The register can be remote mounted anywhere and then connected to a Pulse Output Device (POD) which is mounted on the meter.



For further information or pricing please contact our Sales Department at sales@aljac.com.