



**GILBARCO
VEEDER-ROOT**



Prime PMD

High Hose Electronic
Pump or Dispenser -
commercial use

Prime PMD Pumps and Dispensers have high performance and durability, advanced technology and features that make the difference in handling and filling control.

Its high hose design and aluminum construction add value to the image of the service station.

Versions with 4, 6 and 8 nozzles speed up customer service and allow different types of fuel to be offered in the same filling position.

The Prime PMD Pumps and Dispensers electronics is another differential. Its cutting-edge technology, prepared to receive several upgrades, is ready to meet current demands and future trends.

They are certified by Inmetro, according to the current standards and ordinances of safety and legal metrology, assembled on a robust and high-resistance frame, with global components of international standard, providing a perfect operation through a design that meets the most severe needs and has high performance even after a long time of use.

You can also count on a wide authorized service network.

BENEFITS

- **Anodized aluminum structure**, which has strong resistance against the weather. This resistance is even more relevant for coastal regions, where the probability of corrosion is greater due to atmospheric salinity.
- Robust structure **free of welding spots**, which minimizes corrosion and with rounded corners, which increases the life of the hose.
- Steel **finishing panels** coated using the **coil coating process** that offers the most efficient surface coverage and greater durability.
- **High-resistance**, injectable plastic nozzle holder.

Secure. Connected. Profitable.

Main features

ELECTRONICS

- High-tech computer with integrated CPU and interface.
- It has a standard current loop interface for automation and, optionally, RS-485. Other communication options for peripherals on request.
- Record of the last 54 supplies.
- Record, with date, of the last 54 adjustments (electronic calibration).
- Record of electronic totals and value shift and liter totals.
- Indication of pump operation failure messages on the price per liter (PPL) display.
- Indication of instantaneous flow in the Liters display.
- Internal clock with 10-year autonomy.
- It has 2 totalizers, one electronic and one electromechanical (optional), for each product.
- Liquid crystal display with LED illumination.
- High strength stainless steel keyboards for preset and management programming through access code. The managerial keyboard have an alphanumeric display to indicate the programming and error codes.

HYDRAULICS

- Gear pumping unit, designed and manufactured by Gilbarco Veeder-Root, with built-in air suppressor. A stainless steel mesh filter (washable) is provided as well as an integrated chamber for air and gas separation, which provides stability in pumping and fuel measurement.
- Gilbarco Veeder-Root HD meter calibrated electronically, positive displacement with 4 pistons and stainless steel liners, which increase the life of the block.
- Solenoid valve with high degree of precision in predetermination operations
- Motor manufactured to operate in continuous regime (ventilated).
- Optimized hydraulics: reduced number of connections and electrical cables and easy access for maintenance.
- Prepared for installation of a Vapor Recovery system.

Model

Nominal Flow	Models	Type	No. of Products	Number of Nozzles	Number of Simultaneous Supplies	Gross Weight (kg)*	Net Weight (kg)*
50/75* lpm	PMD-2421	Quadruple	2	4	2	426	386
	PMD-3621	Sixtuple	3	6	2	509	469
	PMD-4821	Octuple	4	8	2	578	538

The dimensions of the pumps are 2.38 x 1.30 x 0.50 | The package dimensions are 2.53 x 1.60 x 0.83 (Brazil) | 2,53 x 1,47 x 0,83 (Export) Dimensions H x W x D, in meters.

*Weight can vary up to 5kg.

Gilbarco Veeder-Root reserves the right to change one or more characteristics of its products, without prior notice, whenever necessary in order to improve them. Consult all the characteristics in force at the time of purchase of your Gilbarco Veeder-Root equipment.

*The nominal flow is a reference value. This flow is achieved under ideal laboratory conditions, with controlled pressure (altitude) and temperature, without considering the use of accessories such as swivel, breakaway and others. The flow achieved when the pump is installed depends on other factors such as: method and devices used to measure the actual flow, type of fuel, distance between the pump and tank, tank depth (if it is underground), suction pipe diameter, ambient temperature, altitude of the installation site, whether the internal filter of the pumping unit is clean or not, whether there is a line filter or other external type in the installation and the status of the respective filter elements and any existing accessories (such as swivel and breakaway). In the case of filling solutions using dispensers and submerged pumps, the power and quantity of dispensers connected to the same submerged pump are also factors that influence the results obtained.

Nozzle and Hose Diameter	
Nominal Flow	Nominal Flow Suction Pump or Dispenser
50 lpm	3/4"
75 lpm	1"

KNOW THE WHOLE FAMILY OF PRIME GILBARCO VEEDER-ROOT PUMPS



You need solutions and technology to make your business a success. Someone who understands your needs, your customers. We have the products and services you need. You can count on us. Get in touch with our authorized representative and get more information.

