

**IPT PD Flow Meter
1" Model A1114**



A1114 Fuel Meter

Specifications

The IPT A1114 Meter is a 1", single case, angle type, piston based, positive displacement meter.

It is guarantee to measuring function of fuel dispensers.

It adopts advanced technology, which can be widely used on different gasoline dispensers. This product has advantages as long using term, high precision, firm structure etc. It can be the best choice of gasoline dispenser component.

Features

Superior Accuracy : The IPT piston meter principle minimizes pressure drop accross the measuring chamber. Teflon gasket is set between the plunger and the cove plunger.

Low Pressure Drop : The pistons made working smoothly in the cove plunger to provide low pressure drop.

Positive and Accurate Registration: High torque drive calibrator with adjustment in %0,05 increments ensures accurate registration.

Long Service Life : Low friction steel balls, fixed cam type timing, and rugged construction give sustained accuracy and long service life.

Other

Temperature -20° C +40° C

Operation Pressure 3,5 bar

Dimensions 280*260*450 mm

Weight 25 kg (gross)

Meter Gearing 1 liter per two revolutions of meter calibrator output shaft.

Viscosity

Sample Liquid	cSt	Max.
Water	1.000	Standard
Kerosene	2.560	
No.2 Fuel Oil	7.400	
No.4 Fuel Oil	15.700	
Transformer Oil	20.200	
Hydraulic	43.200	
SAE 10	65.400	
SAE 20	110.000	
SAE 30	220.000	
SAE 40	440.000	
SAE 50	1080.000	In high viscosity values the flow rate decreases about %50 percent.
SAE 60	2160.000	
Molasses B	10800.000	
Molasses C	21600.000	

Operating Specifications

Flow Rate	
A1114 Continuous Rating	min 10 liters/min max 100 liters/min
Max A1114 Intermittent Rating	120 liters/min