

PCO2 Next Generation Mass Flow Meter

To benefit from the maximum 12-month operational life of the next generation of PCO2 product, there is a requirement for the end user to monitor the mass flow of CO2 gas that is flowed through the system. The maximum operational life of 12 months from the time of installation will only be provided if the gas flow is monitored. Failure to do so will revert back to a 6-month operational life / change out as provided with the Mark I model.

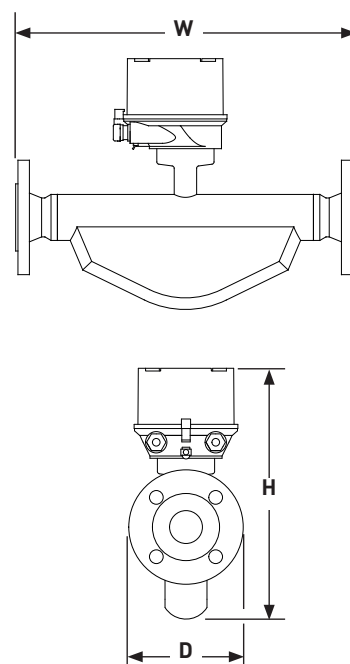
Parker supply a Mass Flow Meter for the PCO2 next generation product range.

PART NUMBER: PCO2-MFM

Key Specifications

Measured Variable	Flow Density, Temperature
Measuring Range: Liquid	0 to 45000 Kg/h / 0 to 99208 lb/h
Nominal Pipe Diameter	1½"
Connections	*Flange DN-40 / EN 1092-1
Maximum Working Pressure	40 bar (580 psi)
Process Temperature	-40°C (-40°F) to +150°C (+302°F)
Ambient Temperature	-20°C (-4.0°F) to +60°C (+140°F)
Accuracy +/-	0.15% of rate
Repeatability +/-	0.075% of rate, 0.35% of rate for gasses
Materials of Construction	Die-cast aluminium transmitter housing Stainless steel sensor housing
Weight Approx.	10.4 Kg (22lbs)
Dimensions (HxWxD)	329mm (13") x 445mm (17.5") x 150mm (6")
Approval for General Usage	CE Mark
Voltage Type	DC Voltage
Supply Voltage DC	Min. 20 Volts - Max. 30 Volts

*Pipe adapters to 1½" NPT or BSP (with adaptor) required.



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US Product Information Centre

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