

# 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.

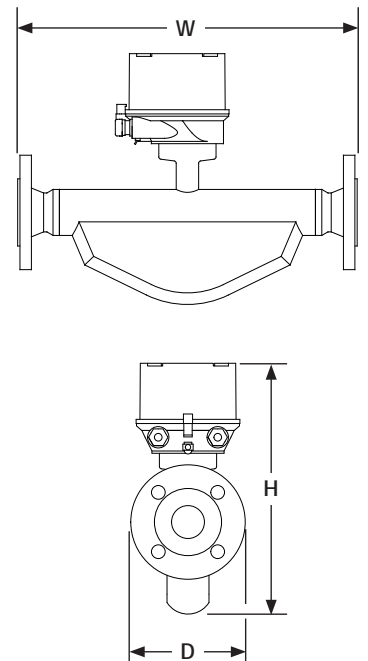
Parker supply a Mass Flow Meter for the PCO2 next generation product range.

**PART NUMBER: PCO2-MFM**

## Key Specifications

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

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



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