



Orbisphere Hydrogen/Helium TC Sensor with air purge, protection cap, ext. temp. sensor (20 bar)

Product #: 31285TC

OBSOLETE ITEM
This item is no longer available.

Standard Hydrogen/Helium TC sensor with air purge and protection cap. With external temperature sensor adapter.

Sensor cable to be ordered: 32505.03.

Maximum pressure: 20 bar

This sensor is the successor model for 31280 and 31280GP.

Specifications

Accuracy:	(Sample temp. 20 - 50°C within $\pm 5^\circ\text{C}$ of calibration temperature) The greater of Membrane 29561A: $\pm 1\%$ of reading, or ± 2 ppb, or ± 0.03 cc/kg, or ± 1.5 bar Membrane 2952A: $\pm 1\%$ of reading, or ± 8 ppb, or ± 0.1 cc/kg, or ± 6 mbar Membrane 2935A: $\pm 1\%$ of reading, or ± 25 ppb, or ± 0.4 cc/kg, or ± 20 mbar
Flow Rate:	Typical Flow Rate Membrane 2952A: 200 mL/min Membrane 29561: 500 mL/min
Purge connection:	Air Purge
Radiation Resistance Level:	Membrane 2952A: 10^8 rad Membrane 29561A: 10^5 rad
Range:	Range at 25 °C Membrane 29561A: 0 - 2 ppm, or 0 - 25 cc/kg, or 0 - 1.5 bar Membrane 2952A: 0 - 10 ppm, or 0 - 120 cc/kg, or 0 - 6 bar Membrane 2935A: 0 - 20 ppm, or 0 - 220 cc/kg, or 0 - 12 bar
Sample Pressure:	0 - 20 bar
Sample Temperature:	-5 - 50°C (23 - 122°F)
Warranty:	6 months

Weight:	0.95 kg
What's included?:	Sensor only.
	Controller, sensor cable, flow-chamber or process connection must be ordered separately.

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