



Orbisphere 3654 Portable H₂ (TC) analyser with N₂ purge

Product #: 3654/210

 **Hazardous**

OBSOLETE ITEM
This item is no longer available.

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accomodate these items.

The 3654 measures dissolved hydrogen. This sensor is designed for process monitoring as well as laboratory analysis.

Rugged and compact design

Easily transportable throughout the plant

Direct measurement in gas phase

No filter or traps to clean

Direct measurement in water

No grab samples required

Specifications

Battery Life:	15 hours operational use, 3 weeks purge backup, (power off, purge gas supplied)
Capacity:	of Purge Gas Cylinder 65 mL
Certifications:	EN 61326-1:1997 /A1:1998 /A2:2001 /A3:2003 Directive 89/336/CE
Communication: digital:	(RS232C): Baud rate: 4800, Data bits: 8, Stop Bits: 1, Start Bits: 0, Parity: None
Cycle Time:	20 seconds
Dimensions (H x W x D):	198 mm x 115 mm x 220 mm
Enclosure rating:	IP67
Operating temperature range:	0 - 40 °C
Power supply:	Batteries: two C-type cells, NiCd or alkaline, each 26 mm x 50 mm, 2.4 to 3 volts total
Purge air pressure:	Nitrogen (H ₂ sensors), Carbon Dioxide (N ₂ and H ₂ sensors), Cylinder Pressure Limit: 200 bar maximum for N ₂ purge gas, 60 bar maximum for CO ₂ purge gas,

Autonomy: 40 hours when cylinder filled to 200 bar of N₂, 20 hours- filled to 100 bar of N₂, 120 hours- filled with 75% of CO₂ liquid

Sample Temperature:

-5 - 35°C (23 - 95°F)

Weight:

4.6 kg (including purge gas cylinder and sensor)