

Dissolved Oxygen Transmitters

InTap® 4004 e/InTap® 4000 e Portable Analyzer



Oxygen measurement is an important quality factor in the food and beverage industry. Maintaining low oxygen levels in food and beverage production will ensure stability of product as well as a long shelf-life. The InTap 4004 e/4000e allows users to measure the O₂ value where ever and when ever it is required for better control of the process. The InTap 4004 e/4000e determines the oxygen content of the process quickly, precisely, and reliably.



InTap 4004 e



InTap 4000 e

Specifications

Performance

Measurement Parameters:	D.O. saturation or concentration and temperature
D.O. saturation range:	0 to 199.9%
D.O. sat. measurement Error:	≥ ± [0.5 % of measured value + 0.1 %]
D.O. concentration range:	0.00 to 19.99 ppm (mg/l)
D.O. conc. measurement error:	≥ ± [0.5 % of measured value + 10 ppb]
Measuring current:	0 to 300 nA, resolution 5 pA
Barometric pressure compensation:	Manual (selectable)
Salt correction:	0.00 to 45.00 g/kg (ppt) (selectable)
Temperature input:	NTC 30 kOhms (selectable)
Temperature measuring range:	-10 to 55.0 °C (14 °F to 131 °F)
Temperature resolution:	0.1 °C / 1 °F
Temperature measurement error:	< 0.2 K ± 1 digit

General Specifications

Waterproof rating:	IP 66
Impact resistance:	Rubberized casing
Power:	Battery (3 x AAA batteries)
Display:	Custom LCD
Sensor monitoring:	Yes, Sensoface
Data storage:	200 Points
Data storage methods:	Manual, automatic, event controlled
Interface:	RS 232 Output to computer or printer
Data collection software:	Yes, part of analyzer package
Automatic shut off:	1 or 12 hours (selectable)

Feature Overview

- Quick reliable measurements
- Effortless to change membranes
- High accuracy
- INGOLD sensor technology
- Rugged impact resistant case
- Data collection PC Software
- IP 66 Waterproof
- Multiple calibration options

Additional Features

- Supervisor password protection
- One handed connection for easy attachment
- A variety of adapters to fit any process connection or tubing
- Units of measurement include ppb

Ordering Information

Transmitter

Product Description	Order Number
InTap 4004 e portable D.O. analyzer kit	52 201 086
InTap 4000 e portable D.O. analyzer w/case	52 201 085

Accessories

Product Description	Order Number
Kit, Tubing adapter for conditioning 4004 e	52 201 000
Kit, Fluidics Tubing	52 200 998
Transmitter, InTap 4004 e/4000 e	52 201 009
InTap 4004 e fixation set (foot)	52 200 995
Tank connection (Zwickel adapter for intake valve)	52 200 261
InTap 4004 e upgrade kit	52 201 011

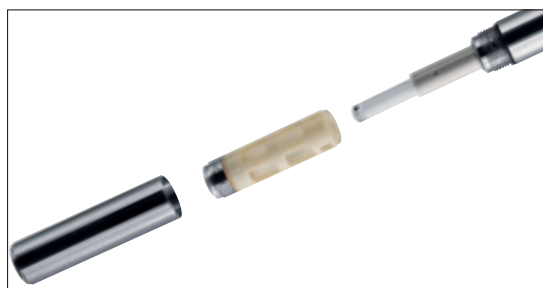
Replacement Parts (included with analyzer)

Product Description	Order Number
Cleaning and conditioning set (20 tablets, 1 beaker, 1 syringe)	52 200 255
InTap 4004 e/4000 e membrane kit (4 membrane bodies, replacement O-rings, 25 ml electrolyte)	52 200 773
Electrolyte (25 ml)	34 100 2016
Liquid handling set (supply, bypass, outlet tube, stop, 3-way valve)	52 200 770
InTap 4004 e/4000 e O-ring set	52 200 774
InTap 4004 e/4000 e sensor	52 200 766
InTap 4004 e/4000 e measuring cell	52 200 258
InTap 4004 e/4000 e rubberized case, blue	52 200 259

For more connection styles please call INGOLD Technical Service.

InTap® 4004 e:

Carry it with a handle, prop it up, or lay it down.



Modular membrane design for easy maintenance.

ppm	°C	Time stamp	Note
5071	0.010	6.6	12.05.03 10:02
5072	0.010	6.6	12.05.03 10:02
5073	0.010	6.6	12.05.03 10:02
5074	0.010	6.6	12.05.03 10:02
5075	0.010	6.6	12.05.03 10:03
5076	0.010	6.6	12.05.03 10:03
5077	0.010	6.6	12.05.03 10:03
5078	0.010	6.5	12.05.03 10:03
5079	0.010	6.5	12.05.03 10:03
5080	0.009	6.5	12.05.03 10:03

Data transfer software from InTap to PC.

Did you know

The InTap 4004 e/4000 e can be used as a quality control check of dissolved oxygen at multiple points within a plant. The impact resistant case and IP66 waterproof design make these products perfect for portable measurement.