



TPO 5000

Total package oxygen meter

TPO 5000 provides the fastest way to measure total package oxygen in beverage production. It directly measures the headspace and dissolved oxygen in one go and delivers results in less than four minutes*.

Your future with TPO 5000: The rapid way to measure total package oxygen

TPO 5000 selectively measures the headspace oxygen and the dissolved oxygen (total package oxygen) directly out of cans, glass bottles, and PET bottles, which is especially relevant for breweries and soft drink producers. The instrument can be installed in laboratories or close to the production line in order to ensure rapid measurement right after the filling procedure.

Highlights:

- Selective measurement of headspace oxygen and dissolved oxygen in one instrument with a low-maintenance optochemical oxygen sensor
- Fastest instrument on the market with a measuring time of less than four minutes*
- Easy sampling and positioning, intuitive user interface
- The instrument cleans itself
- Stainless steel housing and splash-proof design ensure resistance to process environments
- The built-in LEDs give you an immediate overview of the instrument's status throughout the whole production process, even in noisy environments. The status of the instrument can be identified immediately, even from a distance.
- Modularity at its best: CarboQC, the CO₂ meter for fast determination of carbon dioxide, can be easily connected to TPO 5000. CarboQC selectively determines the true amount of carbon dioxide in beverages and can be used as a stand-alone instrument or in combination with TPO 5000 for combined TPO and CO₂ measurements.

*for glass bottles



Technical specifications

Measuring range O ₂	0 ppm to 2 ppm
Required oxygen-free gases	N ₂ or CO ₂ class 5 (if TPO 5000 is used without CO ₂ measurement)
Additional gases	Compressed air ¹
Cleaning	Tap water or process water line
Communication interfaces	3x USB, Ethernet, CAN (for Anton Paar devices only), RS232
Power supply	AC 85 V to 264 V, 45 Hz to 66 Hz or DC 88 V to 370 V
Display	7" LCD panel with projective capacitive touchscreen
Data storage	Up to 5000 measurement data sets
Dimensions (L x W x H)	515 mm x 590 mm x 1120 mm (20.3 in x 23.3 in x 44.1 in)
Weight	70 kg (154 lbs)

¹ Oxygen-free gas can be used if no compressed air connection is available.

Your distributor: