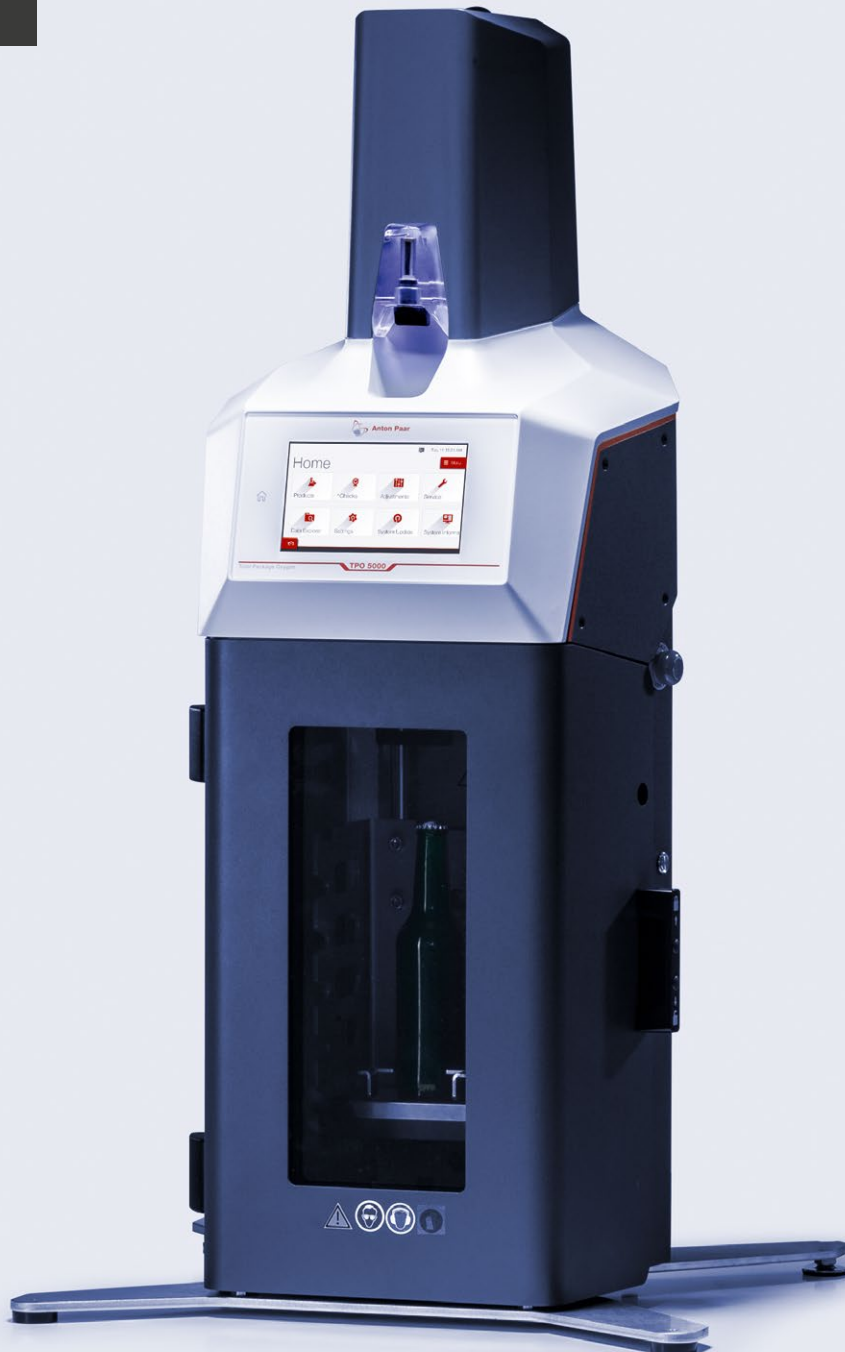


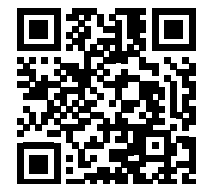
# Total Package Oxygen Meter

**TPO 5000**



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.

**FIND OUT MORE**



[www.anton-paar.com/  
apd-tpo-5000](http://www.anton-paar.com/apd-tpo-5000)

## 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 relevant in the beverage industry, particularly in breweries. You can install the instrument 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
- Automated cleaning options ensure reliable results
- 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
- CarboQC, the CO<sub>2</sub> meter for fast determination of dissolved 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 CO<sub>2</sub> measurements



### TPO 5000



Measuring range dissolved oxygen	- Trace sensor: 0 ppm to 2 ppm - Wide range sensor: 0 ppm to 45 ppm
Measuring range headspace oxygen	- Trace sensor: 0 hPa to 45 hPa - Wide range sensor: 0 hPa to 1,000 hPa
Sample throughput	Up to 15 samples per hour
Required supplies	Required oxygen-free gases N <sub>2</sub> or CO <sub>2</sub> class 5 (if TPO 5000 is used without CO <sub>2</sub> measurement)
	Additional gases Compressed air, oil-free <sup>1</sup>
	Cleaning Deionized process water, chlorine-free
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 5,000 measurement data sets
Dimensions (L x W x H)	515 mm x 590 mm x 1,120 mm (20.3 in x 23.3 in x 44.1 in)
Weight	70 kg (154 lbs)

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

