



**Anton Paar**

:: Superior Optical Instruments



## pH ME Measuring Module

Abbat Performance Plus Line Refractometers



### Combined simultaneous measurement of refractive index and pH value

Combining a pH ME measuring module with an Abbemat Performance Plus line refractometer enables the simultaneous measurement of the refractive index and pH value, a procedure successfully performed in the sugar, beverage, food, cosmetics, pharmaceutical and chemical industry. If an optional peristaltic pump or the Xsample autosampler is connected the pH sensor is filled in the same cycle as the Abbemat.

For your convenience both results are shown on the Abbemat display and summarized in one report. The pH probe (adjustment, etc.) is operated via the Abbemat instrument.

### Applications

- ▶ Sugar industry
- ▶ Beverage industry
- ▶ Food industry
- ▶ Cosmetics
- ▶ Chemical industry
- ▶ Pharmaceutical industry

Technical Data	
Measuring range	0 to 14 pH
Repeatability	0.02 (in the range from 3 to 7)
Non-pressure-proof	e.g. Hamilton PolyLite Lab

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**Instruments for:**

Density & concentration measurement	Colloid science
Rheometry and viscometry	High-precision temperature measurement
Sample preparation	Refractometry
Microwave synthesis	Polarimetry
	X-ray structure analysis

Specifications subject to change without notice.

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