

Digital Laboratory Refractometers

Abbemat 5001 | Abbemat 5101 | Abbemat 5201



Abbemat Advanced

Networked Quality Control

The Abbemat Advanced line is designed for busy, automated laboratories. These instruments are ideal for handling a broad range of different samples with product-specific workflows and settings. Networked, secure user and data management is available via our lab execution software AP Connect.



Sample-specific measuring settings save time and avoid errors



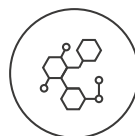
Customizable touchscreen interface with instant pass/fail feedback



Over 200 predefined methods for fast concentration readings



Optional automation: up to 96 measurements per run



Multi-parameter measurements with other Anton Paar instruments

	Abbemat 5001	Abbemat 5101	Abbemat 5201
Peltier temperature control	20 °C to 40 °C	10 °C to 70 °C	4 °C**to 105 °C
Measuring range	1.33 nD to 1.55 nD 0 °Brix to 100 °Brix	1.30 nD to 1.66 nD 0 °Brix to 100 °Brix	1.26 nD to 1.72 nD 0 °Brix to 100 °Brix
Accuracy*	±0.0001 nD	±0.00004 nD	±0.00002 nD
Connectivity	Networked data storage, printer, AP Connect, Xsample 520 (autosampler), DMA series (density meter), SVM series (viscometer) and MCP polarimeter		

* Valid at standard conditions (T=20 °C, ambient temperature 20 °C to 25 °C)

** At max. ambient temperature of 35 °C