

Technical Data - Abbemat MW

Standard methods

AOAC 953.16, AOAC 970.59, ASTM D4095, AOAC 969.18, ASTM D4542, AOAC 950.13, ASTM D5006, AOAC 983.01, DIN 51423, ICUMSA SPS-3, ICUMSA GS4/3-13, OIV MA-AS312-01B, Ph. Eur. 2.2.6 - Refractive index, USP 831 - Refractive index

Measuring range:

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| Refractive index | 1.30 nD to 1.72 nD |
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| Temperature | 10 °C to 70 °C |
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Resolution:

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| Refractive index | ± 0.000001 nD |
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| Temperature | 0.01 °C |
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Accuracy:

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| Refractive index | ± 0.00004 nD |
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| Temperature | ± 0.03 °C |
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| Temperature stability | ± 0.002 °C |
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Additional information:

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| Prism material | YAG (Yttrium-Aluminium-Garnet) |
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| Light source | White light LED |
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| Available wavelengths (max. 8 filters) | 589.3 nm Na-D (standard) / 435.8 nm Hg-g / 480.0 nm Cd-F' / 486.1 nm H-F / 488.0 nm Ar-Ion / 514.5 nm Ar-Ion / 532.0 nm Nd-Yag / 546.1 nm Hg-e / 632.8 nm He-Ne / 643.8 nm Cd-C' / 656.3 nm H-F' |
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| Minimum sample volume | approx. 0.2 mL |
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| Customizable scales | Linear/ Polynomial/ Formula parser |
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| Calibration | One-point calibration/ Two-point calibration |
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| Interfaces | RS-232 (PC) |
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| Wetted parts | YAG, FFKM, PP GF 30, Stainless steel |
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| User interface | PC with Microsoft Windows XP/Vista/7 |
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