CM-800α


This new addition to the popular CM series is highly customizable to fit a wide range of applications. The improved accuracy of ±0.1% spans across the newly extended range of 0 to 80% Brix.

**Features**

- **NEW** Wetted parts were flattened.
- Process temperature range of -30 to 150°C
- Suitable for CIP/SIP operations
- User-programmable coefficient for Automatic Temperature Compensation (ATC)

**Fitting Options**

- IDF/ISO clamp union (ferrule) 1S to 3S
- IDF/ISO screw union (screw) 1S to 3S
- JIS Flange 25A to 65A

**AC adapter**

The AC adapter used to convert AC100-240V to DC24V and to supply power to the CM-800α.

- AD-32 (AC100V) Cat.No.3527
- AD-33 (AC110-120V) Cat.No.3528
- AD-34 (AC220-240V) Cat.No.3529

**Specifications**

- Measurement scale: Brix (ATC according to the sample liquid)
- Measurement range: Brix 0.00 to 80.0%
- Resolution: Brix ±0.01 or 0.1% (With an option to display measurements between 0.00 and 9.99% to the 2nd decimal place)
- Measurement accuracy: Brix ±0.1%
- Measurement temperature: 5 to 100°C (ATC)
- Wetted parts temperature: -30 to 150°C
- Ambient temperature: 5 to 40°C
- Output method: RS-232C, DC 4 to 20mA
- Wetted parts materials: Prism: Sapphire
- International Protection class: IP64 Water resistant
- Power supply: DC24V
- Dimensions and weight: 164×175×110mm, 2.4kg (main unit only)

**Dimensions**

- Front: 164×175×110mm
- Side: 164×175×110mm
- Back (Detection section): 164×175×110mm

**AD-32 (AC100V) Cat.No.3527**

Contact ATAGO if you are interested in using the CM series to measure other types of solution.

All ATAGO refractometers are designed and manufactured in Japan.

ATAGO products comply with HACCP, GMP, and GLP standards.

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* Specifications and appearance are subject to change without notice.