

# NEW In-line Brix Monitor

# CM-800α

## Simplicity at Its Best. Powerful and Versatile Process Measurement.

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

Special Order Options

PROFIBUS  
compatible

VARIVENT  
compatible

VARIVENT® is a registered trademark  
of GEA Tuchenhausen.



Cat.No.3564

### ● 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

\*Contact ATAGO for customization options.

IDF/ISO clamp union (ferrule)	1S to 3S	
IDF/ISO screw union (screw)	1S to 3S	
JIS Flange	25A to 65A	
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Compression Fitting 10mmΦ		
Hose connector 12mmΦ		

### ● AC adapter

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

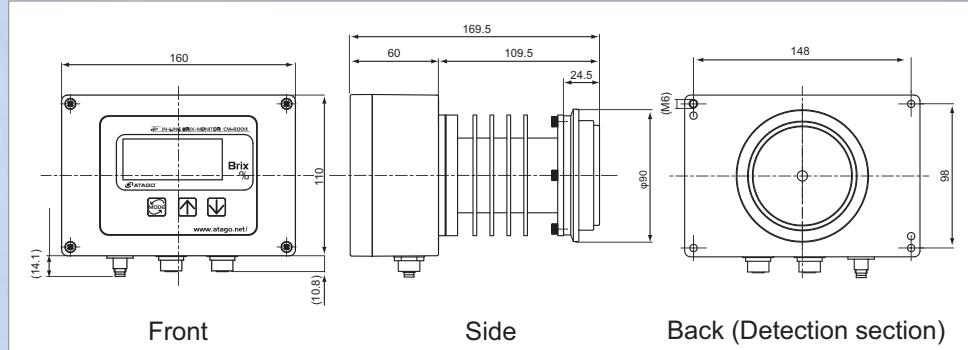


- AD-32 (AC100V) Cat.No.3527
- AD-33 (AC110-120V) Cat.No.3528
- AD-34 (AC220-240V) Cat.No.3529

### ● 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 $\pm 0.1\%$
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 Prism stage : SUS316L
International Protection class	IP64 Water resistant
Power supply	DC24V
Dimensions and weight	16×17×11cm, 2.4kg (main unit only)

### ● Dimensions



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

All ATAGO refractometers are designed and manufactured in Japan.

HACCP GMP GLP

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



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\* Specifications and appearance are subject to change without notice.

ENV.05