

**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

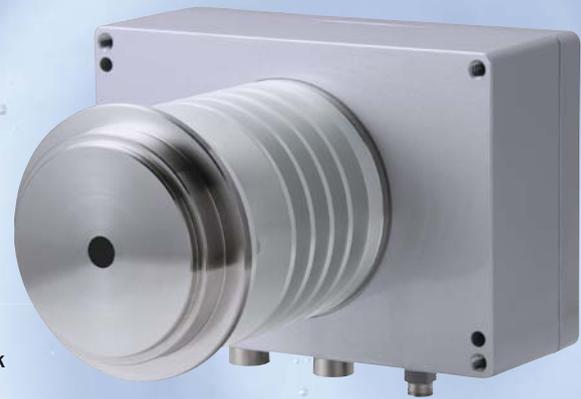
**PROFIBUS**  
compatible

**VARIVENT**  
compatible

VARIVENT® is a registered trademark of GEA Tuchenhausen.



Front



Back

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

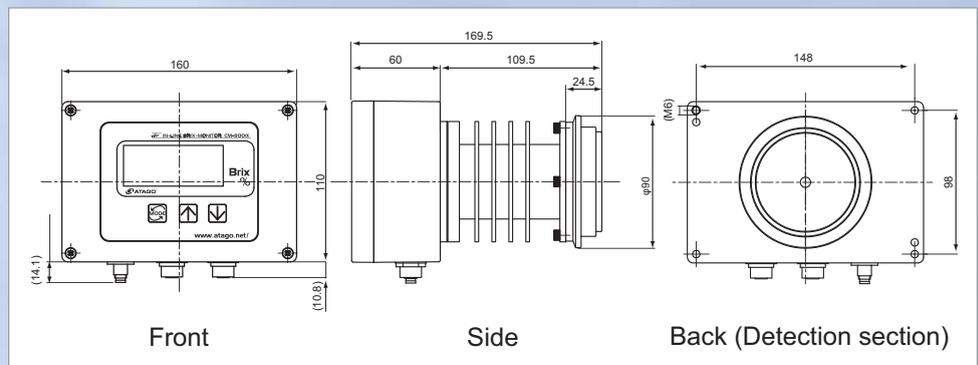
### ● AC adapter

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

### ● Dimensions



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

### ● 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)

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.

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