

CM-800α



A simple, integrated model capable of withstanding temperatures between -15 to 160°C, featuring a completely flat sample stage.

This new addition to the CM series is compatible with the PRM-100α fittings.
Fittings are available in a wide variety of shapes and sizes.
The accuracy is ±0.1% across the entire range of 0-80% Brix.

Specifications		In-line Brix-Monitor CM-800α
Cat.No.	3564	
Measurement items	Brix (ATC according to the sample liquid), Temperature (°C / °F)	
Measurement range	Brix: 0.00 to 80.0%, Temperature: -15 to 160°C / 5 to 320°F	
Resolution	Brix: 0.01 or 0.1% (With an option to display measurements between 0.00 and 9.99% to the 2nd decimal place), Temperature: 1°C / 1°F	
Measurement accuracy	Brix: ±0.1%, Temperature: ±1°C / ±1°F	
Temperature compensation range	5 to 100°C	
Display system	Seven-segment LED	
Output method	Recorder output (DC4-20mA), as well as RS-232C output (Refractive index output is standard with RS-232C, it is optional with recorder.)	
Power supply	DC24V * An optional accessory, "AC Adapter AD-32" is available to convert AC100V to DC24V.	
Materials in contact with the solution	Prism: Sapphire, Prism stage: SUS316L	
Pressure resistance	0.98MPa	
Ambient temperature	5 to 40°C	
Power consumption	Power consumption when using DC24V: 3VA; when using AC100-240V: 15VA.	
International protection class	IP67 Water resistant	
Dimensions and weight	16×16.7×11cm, 2.4kg (Main Unit only)	

Highly resistant to build-up

The materials in contact with the solution are made out of durable SUS316L, and the sample stage has been made fully flat, resulting in a unit that's highly resistant to build-up.



Defective products will never slip through

A variety of output methods means defective products will never slip through undetected. Recorder output (4-20mA) and RS-232C output can be set-up and linked with an external device for automatic control.

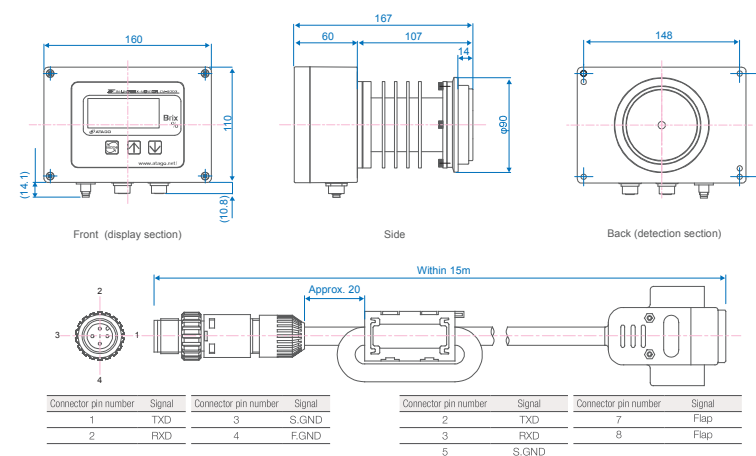


Compatible with a wide range of temperatures

Capable of measurement at temperatures between -15 to 160°C, meaning the unit is perfectly capable of handling CP and SIP processes.



Dimensions (unit of length: mm)



CM series



In-line Ethylene Glycol Monitor
CM-800α-EG
Cat.No. 3531
• E.G.
• Freezing point

In-line Propylene Glycol Monitor
CM-800α-PG
Cat.No. 3532
• P.G.
• Freezing point

In-line Salinity Monitor
CM-800α-SW
Cat.No. 3533
• Salinity

* For optional accessories for the CM-800α series, please refer to pg. B32.