

RFM390+ Refractometer for Solvents, Resins and Adhesives without the need for a Waterbath.



Features:

- High RI range for resins
- Kalrez® gasket
- Peltier temperature control
- Sapphire prism
- Easy wipe stainless steel dish
- LED light source
- Self Scanned Array detector
- External power supply
- Large LCD display
- with contrast control
- Borderline Quality indicator
- User friendly software
- Password security
- Single or continuous reading
- Presser read function
- Reading delay
- 3 x Interfaces
- GLP printout

Special consideration should be made when working with aggressive samples, which is especially true when scientific instruments are being used. Such instruments include refractometers as the refractive index of raw materials and mixed adhesives is an important quality control function.

Based on the latest developments by world leading refractometer manufacturer Bellingham + Stanley Ltd., new RFM390+ refractometers are specifically designed to withstand sample spillage and have specialist sealing materials around the measurement prism, eliminating the risk of damage caused by sample penetration.

Two models are available offering a choice of four or five decimal place accuracy up to 1.58 RI. The sapphire prism is housed in an extremely flat prism dish making the task of sample application and cleaning very easy. Internal Peltier devices accurately control the temperature of the measuring system to temperatures below ambient and up to 70°C without the need for a waterbath.

Full details of the new RFM300+ series of refractometers, including the RFM390+ models, is available from the company Internet site or a recognised distributor.

Specification	RFM390+ (4 dp)	RFM390+ (5dp)
Scale	1.32 – 1.58 RI	1.32 – 1.58 RI
Resolution	0.0001	0.00001
Accuracy	±0.0001	±0.00004
Reading Time (s)	Minimum 4 seconds	
Temperature Control	Peltier	
Measuring Temperature Range	10°C below ambient to 70°C	
Ambient Temperature Range	0 – 40°C	
Prism	Artificial Sapphire	
Prism Dish	316 Stainless Steel / PEEK	
Prism Seal	Kalrez®	
Interfaces	1 Parallel (printer), 2 x Serial (RS232)	

Order Code	
22-901	RFM390+ standard refractometer fitted with Kalrez® gasket. Four decimal place (RI) model.
22-902	RFM390+ standard refractometer fitted with Kalrez® gasket. Five decimal place (RI) model.

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Optional Accessories:

- Printers
- Interface cables
- Calibration fluids
- Splash covers
- Waterproof power supply
- Enhanced Protection Pack