

# Reaction Systems and Refractometers

## Jacketed Vessel Accessories

### Flange Clamps

Stainless steel quick-release flange clamps with tension adjuster.

Product No	Size
10177/01	DN60
10177/02	DN100
10177/03	DN120
10177/04	DN150
10177/05	DN200

### Clamp/Support

Sturdy nichrome flange clamping arrangement with two rods which may be connected via a boss to scaffolding or retort stand (see section on Stands & Supports).

Product No	Size
10178/01	DN100
10178/02	DN150

### Silicone O-Ring

Product No	Size-mm
10179/01	60
10179/02	100
10179/03	120
10179/04	150
10179/05	200

### P.T.F.E coated O-Rings

Rubber O-rings seamlessly coated with P.T.F.E to give excellent chemical resistance without loss of elasticity.

Product No	Size-mm
10180/01	60
10180/02	100
10180/03	120
10180/04	150
10180/05	200

### Vacuum Grease

Product No	Description
10277/01	High vacuum

## Reductase Tubes

Soda glass rimless tubes, 150mm x 16mm with notation patch and marks

Product No	Marks-ml	Test
10574/01	10	Methylene Blue Dye reduction
10574/02	2.5 & 10	Antibiotic
10574/03	5 & 10	Phosphatase & COD
10574/04	7 & 10	Icecream

## Automatic Digital Refractometers

### RFM100 Range

Low-cost, fully automatic refractometers giving fast, accurate and reliable results. Designed primarily for use in production and Quality Control in a variety of food industry applications. Designed with ultimate simplicity in mind, these refractometers are intended for use in a 'single mode' with a standard Sugar % (Brix) scale. The RFM130 is suitable for syrups, concentrates and finished products and the RFM110 for lower concentration measurements.

The instruments may be operated in ambient temperatures ranging from 5 to 40°C, all readings compensated to 20°C. Operation is simply by means of three buttons. The robust construction features an artificial sapphire prism surrounded by a shallow stainless steel dish, making the prism easy to clean. The external power supply provides a safe, low voltage to the refractometer making it ideal for use in a factory location. The no-moving parts design coupled with self-scanned array technology enhances reliability and maximises repeatability. Both models are supplied with 50 disposable pipettes and an instruction manual.

Product No	Scale (Sugar)	Resolution	Accuracy	Reading time
11366/01	0 - 50%	0.1%	±0.1%	3.5 secs
11366/02	0 - 95%	0.1%	±0.1%	6.5 secs

