

Name: Digital Handheld Refractometer Brix 0-54

Model: 38-02

Brand: Bellingham+Stanley

Country of Origin: UK

Description:

The OPTi refractometer is constructed using the latest manufacturing techniques. Stainless steel injection moulding to form the easy clean prism dish and ultrasonic welding to bond the housing. Each OPTi displays information to the user via an easy-to-read LCD display, helping to make readings even easier than using a standard optical handheld refractometer.

OPTi Digital Refractometers Bellingham + Stanley designed OPTi digital handheld refractometers are manufactured in the UK as highly reliable, premium quality instruments suitable for use in the harshest of environments across a variety of applications. OPTi refractometers are constructed using the latest manufacturing techniques including stainless steel injection moulding to construct the easy clean prism dish, ultrasonic welding to bond the housings and a rubberized switch membrane to further protect against moisture ingress and excess wear. The OPTi refractometer may be used to control the dissolved solids or blend ratios of numerous products from fresh fruit to industrial chemicals.

Software

- Quick 2 second read time of sample
- Onboard library of 50 scales
- Up to 3 active scales on a single device
- High Ambient Light (HAL) sensor detects and warns of too much light entering the sensor
- Unique "AG Test Mode" that allows the use of long-life non sucrose based certified reference materials
- Programmable read delay for sample temperature stabilisation

Hardware

- Clear digital LCD display
- Ergonomic & durable handheld design
- IP65 rated
- Easy-clean, stainless steel prism dish

manager@psc.com.bd

www.psc.com.bd

Office address:

31, Manun Plaza (Ground, 1st & 2nd Floor)
Shahid Nazrul Islam Sharak, Tikatuli, Dhaka-1203

Rapid temperature stabilisation

The OPTi® Digital Handheld Refractometer is a high quality, UK made, simple-to-use, accurate, pocket sized refractometer offering measurement between 0-95 Brix and over 40 other scales.

Specification:

Typical Specifications	Sucrose (Brix)	Refractive Index	Specific Gravity (SG)	Concentration %
Range	0-54	1.33-1.53	1.000-1.050	0-95
Resolution	0.1	0.0001	0.001	0.1
Accuracy	0.2	0.0003	0.003	0.2

Temperature Compensation (ATC)	Brix (ICUMSA)	Application Specific or Brix
Ambient Temperature Range	5-40°C (Ambient)	5-95°C (Sample)
Special Features	-HAL- High Ambient Light detection, Error messaging, Battery life indicator, AG Test Mode, Scale library, Delay before reading, °F/°C switch, Serial & Version No, PIN control	
Prism Dish	Moulded Stainless Steel	
Prism Seal	Silicone	
Prism	8mm optical glass	
Sample Illumination	LED (yellow)	
Display	4 1/2 digital LCD	
Key Functions	READ, ZERO	
Keypad Material	Silicone rubber	
Case Material	Acrylonitrile Butadiene Styrene (ABS)	
IP Rating	IP65	
Humidity	<95% RH (non-condensing)	
Battery / Battery Life	3V, 2 x AAA (LR03) / 10,000 readings	
Nett Weight	115 grams (including batteries)	

manager@psc.com.bd

www.psc.com.bd

Office address:

31, Manun Plaza (Ground, 1st & 2nd Floor)
Shahid Nazrul Islam Sharak, Tikatuli, Dhaka-1203

Gross Weight	295 grams
Dimensions (instrument)	12 x 5.5 x 3.5cm (L x W x H)
Dimensions (packed)	25 x 10 x 6.5cm (L x W x H)
Code No.	38-02

Warranty: 01 (One) year warranty from the date of installation.

Installation & training: Free installation, operation & maintenance training will be provided at your laboratory site.

Paradise Sales Terms & Condition:

- **Delivery:** From ready stock / within 07 (seven) days. Without ready stock 6-8 weeks, after work order.
- **Payment:** By cash/Cheque

Contacts:

Sales : +88 01733-229381-01733-229386, 01733-229388
01713-034889

Service : +88 01733-229382, 01733-229391, 01733-229392
01733-229389

Accounts: +88 01733-229380

manager@psc.com.bd

www.psc.com.bd

Office address:

31, Manun Plaza (Ground, 1st & 2nd Floor)
Shahid Nazrul Islam Sharak, Tikatuli, Dhaka-1203