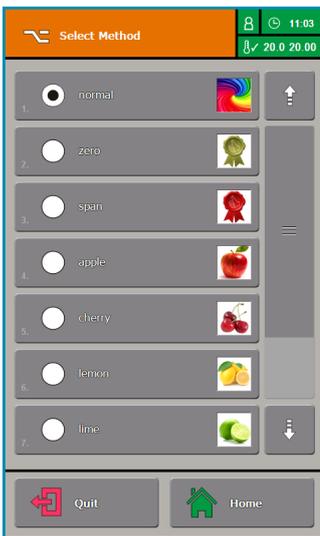




RFM340-T Digital Refractometer TOUCHSCREEN UI FOR FACTORIES & LABORATORIES



Specifications	RFM340-T
Order Code	19-40
Scales	
°Brix	0-100
Refractive Index	1.32-1.58
User Defined (RI equivalent)	100
Resolution	
°Brix	0.01/0.001
Refractive Index	0.00001 / 0.000001
Accuracy	
°Brix	±0.010 (<30) / ±0.030 (>30)
Refractive Index	±0.00002 (<1.38) ±0.00004 (>1.38)
Precision (Reproducibility)	
°Brix	± 0.005
Refractive Index	± 0.000005
Temperature Range	
Ambient	5-40 °C
Sample	5-95 °C
Peltier	0 °C or 10 °C below ambient whichever is greater to 70 °C
Temperature Compensation	
Sucrose (°Brix)	5-80 °C
AG Fluids (°Brix)	10-40 °C
User	Simple coefficient (units/ °C) or polynomial function
Temperature Sensor Accuracy	±0.03 °C
Temperature Stability Checks	None/Delay Time/Repeatability/Smart
Peltier Control Stability	±0.05 °C
Humidity Range	<90% RH (Non condensing)
Prism Seal	Silicone/Resin
Interfaces	3 x USB (A), 1 x Ethernet, RS232 via optional USB adaptor
Power	Instrument: 24V DC, ±5%, <2A External PSU: 100-240V, 50-60Hz (supplied)

Software Features

- Dual display (e.g. Brix / SG)
- Save over 10,000 readings
- Reading, user & config audit trails
- Print to secure PDF
- USB "Back-up & clone"
- User maintenance prompts
- Remote diagnostics & control

Order Codes

Code	Description
19-40	RFM340-T high precision Peltier temperature controlled refractometer with integral 7" full colour touchscreen, high definition display and USB/LAN connectivity. Supplied with pack of two RFID tags, instruction manual and certificate of conformity. Three decimal place Brix precision.

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