

TES

Reliable in Quality

TES-1389/1389U BRIX METER

- ☐ Wide measuring range (Brix 0 ~ 53%)
- ☐ Refractive index measurement
- ☐ Temperature measurement
- ☐ Friendly operation and easy to use
- ☐ Wide and dual display LCD
- ☐ Reliable water resistant (IP65)
- ☐ Data memory and read function
- ☐ Auto data logger function (1389U)
- ☐ USB Interface (1389U)



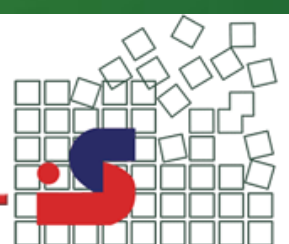
APPLICATIONS

- ☐ Food industry:
Beverages, fruits and sweets
- ☐ Industry:
Monitoring of lubricants in machines and quality control
- ☐ Agriculture:
Determination of the degree of ripeness of fruit for quality control in harvesting

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FEATURES

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SPECIFICATIONS

Sensor	Photodiode arrays
Measuring Function	Brix Temperature °C/°F Refractive index (RI)
Brix Range	0.0 ~ 53.0% (10 ~ 40°C/50 ~ 104°F Automatic temperature compensation)
RI Range	1.3329 ~ 1.4265
Temperature Range	4 ~ 60°C (39.2~140°F)
Accuracy (Water at 23°C /73.4°F)	Brix: ±0.2%, Temperature: ±1°C/°F RI: ±0.0003
Resolution	Brix: 0.1%, Temperature: 0.1°C/°F, RI: 0.0001
Data memory Capacity	99 sets. (Direct reading from LCD display)
Data logger Capacity	microSD CARD 4 GB (1389U)
Operation Temperature Range	10~40°C (50 ~ 104°F), Less than 85%RH
Store Temperature Range	0~50°C (32 ~ 122°F), Less than 85%RH
Response Time	3 seconds
International Protection Class	IP65 water resistant
Data Hold	Yes
Low Battery Indication	Yes
Zero Function	Yes
Auto Power Off	Yes (After 2 minutes)
Battery	AAA batteries x 4
Size/Weight	148mm x 78mm x 50mm / Approx. 210g
Accessories	Instruction manual, Battery, Carrying case, CD Software (1389U), micro-USB Cable (1389U)

