

DIGITAL

Automatic Polarimeter

750



ACCESSORIES

- ✓ Sample tubes 100mm, 200mm
- ✓ Software kit: RS232 cable, software CD
- ✓ Main lead
- ✓ Fuse
- ✓ Instruction manual.



TECHNICAL SPECIFICATIONS

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|----------------------------|---|
| ✓ Test modes | optical rotation, sugar degree |
| ✓ Light source | LED |
| ✓ Wavelength | 589.44nm |
| ✓ Measurement | $\pm 45^\circ$ (optical rotation) $\pm 120^\circ Z$ (sugar) |
| ✓ Minimum indicating value | 0.001° (optical rotation) 0.01° Z (sugar) |
| ✓ Accuracy | $\pm (0.01 + \text{measurement value} \times 0.05\%)^\circ Z$
(optical rotation) $\pm (0.03 + \text{measurement value} \times 0.05\%)^\circ Z$ (sugar) |
| ✓ Repeatability | $< 0.002^\circ$ (optical rotation) |
| ✓ Display | LCD |
| ✓ Test tube | 200mm, 100mm |
| ✓ Sample transmittance | $> 1\%$ |
| ✓ Interface | Rs232 |
| ✓ Operation voltage | $220 \pm 22v, 50Hz$ |
| ✓ Overall dimensions | 730mm X 480mm X 470mm |
| ✓ Weight (gross) | 36kgs |
| ✓ Software | Yes |