



Features:

- 128*128 dot matrix LCD display, standard menu operations.
- Two measure mode: single and continuous.
- Two group mode: direct (DIR) and general (GEN), readings will be lost when power off in direct mode, and not be lost in general mode. 80 readings can be stored for each group.
- Zero-point calibration and multi-point calibration (up to 4 points) for each group.
- User can recall, delete specified readings, or delete group readings.
- Statistics display: Mean minimum, maximum and standard deviation.
- Three probe mode: auto, magnetic and eddy current.
- User can set high or low limit alarm for each group.
- Power off automatically



Technical Specification:

| Model | DFT 222 |
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| Measuring principle | Magnetic induction(F); Eddy Currents (NF) |
| Measuring Range | 0 to 2000 μ m (0 to 78.7mils) |
| Accuracy | \pm (2.5%+1 μ m) \pm (2.5%+0.039mils) |
| Resolution | 0 μ m~99.9 μ m (0. 1 μ m) 100 μ m~999 μ m(1 μ m) >1000 μ m(0.01mm) |
| Calibration | One point to four-point calibration, zero-point calibration |
| Data group | One direct group (readings not be stored to memory) Four general group (readings will be stored automatically) NOTE: each group have individual statistics, alarm limit settings and calibration |
| Statistics | No. of readings, mean, minimum, maximum and standard deviation |
| Units | μ m, mm, mils |
| Alarm | User can set the high/low alarm limit. Alarm icon displayed on LCD when over the limit |
| Minimum curvature radius convex | 5mm |
| Minimum curvature radius concave | 25mm |
| Minimum measuring area | Diameter 20mm |
| Minimum thickness of substrate | 0.2mm (F); 0.2mm (NF) |
| Maximum measuring rate | Two readings per second |
| Computer interface | Download data via USB |
| Power supply | Two 1.5V AAA battery |
| Operation environment | Temperature: 0 to 50°C (32 to 122°F): humidity: 20% to 90%rh |
| Storage environment | Temperature: -10 to 60°C (14 to 140°F) |
| Standard Compliance | CE ROHS FCC ISO2178 ISO2360 |
| Size | 110mm x 53mm x 24mm (4.33" x 2.09" x 0.94") |
| Case Material | ABS; 92g (3.24 oz) |
| Standard Accessories | Coating Thickness Gauge, '0' calibration block, Standard foil, USB cable, Two 1.5V AAA battery, Technical manual. |