



Densitometer

JMD Pantometer is a densitometer which is a battery-operated handheld unit used for measuring the transmitted density of X Ray film. The Pantometer has a white illumination range of $10,000\text{cd/m}^2$ to $50,000\text{cd/m}^2$ and has been calibrated to achieve optimum accuracy and stability for reading density. The battery can be charged with a standard USB charger which ensures an operating time of up to 10 hrs. It is manufactured as per ASTM E1079 standards.

Salient Features:

- Big and colorful LCD screen Display
- Compact & light weight
- Rechargeable Li-Ion Battery
- Continues 8 hours of battery back up in single charge
- Auto shut down for power saving mode

Kit Contains:

- Panto meter 4D Densitometer with integrated probe
- USB Adapter+USB cable
- Certificate of Conformity and Warranty Certificate
- Operating Manual
- Density Strip

Technical Specifications:

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|---------------------------------|---|
| • Measuring Range | : 0 – 4D |
| • Illumination Range | : 10Kcd/m^2 – 50Kcd/m^2 |
| • Accuracy | : $\pm 0.05\text{D}$ |
| • Repeatability | : $\pm 0.02\text{D}$ |
| • Warm-Up Time | : None |
| • Zero Holding Time | : 5 minutes |
| • Aperture | : 2.5 mm |
| • Power Requirements | : 7.4V, 1000 mAh Li-ion rechargeable Battery |
| • Battery charging time | : 2 hrs |
| • Physical Dimensions (LxWxH) | : 146 mmx85 mmx25 mm |
| • Weight (Display unit + Probe) | : 1.10lbs (500g) |
| • Environment | : Operating Range $+50^\circ\text{F}$ to $+104^\circ\text{F}$ |