



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:

- 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 : 146 mmx85 mmx25 mm (LxWxH)
- Weight : 1.10lbs (500g) (Display unit + Probe)
- Environment : Operating Range $+50^\circ\text{F}$ to $+104^\circ\text{F}$