



Handheld Densitometer



The Industronic Densitometer Model IDENS-H-V-1 is a small compact portable densitometer used for transmission density measurements of X-Ray film.

Features:

- Easy to operate
- All relevant information shown on an Alpha Numeric display
- Small and Compact (150mm x 70mm x 40mm)
- Uses Micro-processor technology
- I2C Communication between Test Probe and Densitometer
- 16Bit Analogue to Digital conversion
- Build in Battery test Function and Battery monitoring
- Battery Low alarming resulting in Auto Switch-OFF, should battery voltage fall below 6.0Volt
- LCD Backlight ON/OFF automatically controlled to maximize Battery Life time – Can be turned on again
- Using a Photo Diode with a wide spectral response – 350nm to 820nm
- Auto Power OFF when not in use
- 0 D – 4 D measuring range
- Accuracy of +/- 0.05D
- Powered by a 9V battery

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Technical Data

Description	Clarification
Density	0.00 D - 4.0 D
Optical Aperture	4mm Diameter
Detector Type	Photo diode
Spectral Response	350nm - 820nm
Accuracy	± 0.05 D
Display Type	Alpha Numeric with backlight
Battery Type	9V
Dimensions	150mm x 70mm x 40mm
Weight	500g