

WILNOS Densitometer HD401



The WILNOS handheld densitometer HD401, article no. 23 13 02, is specially developed for measuring the density of technical X-ray films. It is focused on measuring accuracy, linearity as well as ease of use. The device can be used in battery and mains operation and is therefore equally suitable for stationary and mobile use. It has a large backlit display. In mobile use, it scores with its low weight and convenient device dimensions.

The HD401 complies with DGZfP recommendation D1 'Requirements for density measurement devices' as well as ASME SE-1079 and ASTM E 1079. It consists of the control unit with digital display and the measuring probe for densitometry. The probe is connected via a Lemo-00 connection. After switching-on and adjustment, the device is immediately ready for use.

Technical data:

Battery:	commercially available 9V alkaline battery 6F22/6LR61
Power supply:	100-240 V, 50 - 60 Hz
Aperture:	ø 2 mm
Measuring range:	0 - > 5.0 D
Measuring accuracy:	0.05 D in the range 0 - 5.0 D
Repeatability:	± 0.01 D
Duration of measurement:	up to D = 4 approx. 1 second, up to D = 5 approx. 3 seconds
Dimensions:	120 x 65 x 22 mm
Weight:	136 g incl. battery (plug-in power supply 100 g)

Scope of delivery:	Handheld unit, measuring probe with cable, battery, plug-in power supply, screwdriver for adjustment, AGFA density step, instructions, manufacturer certificate, declaration of conformity and case
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