

# DENSORAPID D

## **DENSORAPID D**

Transmission Densitometer according to ISO 5, ISO 14807, ASTM E1079



SUPPLIERS OF EQUIPMENT FOR INSPECTION

For precise determination of optical densities of X-ray films



### **DENSORAPID D Transmission Densitometer, hand held**

For precise determination of optical densities of X-ray films the DENSORAPID D is equipped with innovative digital measuring technique.

The illuminated display enables easy readings even in darkened rooms and calibration of the instrument, done with the software, is simple and much more accurate than on conventional densitometers.

Fault-free measurements even in slightly inclined positions are guaranteed by the ergonomic hand probe with a soft tip avoiding scratches on the film.

The battery is charged with a standard USB charger and ensures an operating time of more than 100 hours with display illumination switched off.

#### Specification:

Housing: ABS plastics, IP 65 Hand probe: Aluminum, anodized

D 0.00 ... > 5.00 Measuring range:

D 0.01 Resolution: Accuracy: +/- D 0.03 Repeatability: +/- D 0.02 Aperture size: Ø 2.0 mm

Communication port: USB 2.0, Micro USB

Battery operating time: 100 hours (illumination off)

**USB** Charger: 100 ... 240 V, 50 ... 60 Hz, Micro USB

Dimensions unit: 135 x 73 x 29 mm (LxWxH) Dimensions probe: Ø 14 x 120 mm (ØxL), cable 1 m

Dimensions case: 325 x 270 x 55 mm

Weight unit: 0.25 kg Weight total with case: 0.90 kg

Required measuring light source - Film viewer: Color temperature: ca. 2,800 ... 5,000 K

ca. 70,000 ... 100,000 cd/m<sup>2</sup> Luminance:

#### Scope of supply:

**DENSORAPID D Densitometer** Article No.: 13 40540

complete with: **USB** Charger Transport case Measuring mask, magnetic, 10x24 cm / Ø 10 mm Article No.: 13 40104

KOWOSTEP D Density step tablet 7 density values, >0,30 ... >5,00 Re-calibration interval 3 years

Test certificates, Certificates of Conformity

Article No.: 13 40546 Article No.: 13 40547

Article No.: 13 40207

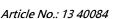
#### Accessories:

Measuring mask, magnetic, 10x24 cm / Ø 10 mm X Densitometer holder for KOWOLUX X

universal for all type hand held Densitometers

BAM X-001 Density step tablet 15 density values, >0,20 ... >5,00

Re-calibration interval 5 years



Article No.: 13 40087

Article No.: 13 40205









