

Techkon SpectroPlate Start



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Non-New

Techkon SpectroPlate

Available versions and their features:

SpectroPlate Start

% dot percentage

Screen angle in °

Screen frequency in l/cm and lpi

SpectroPlate Expert

Same functions as SpectroPlate Start and additionally:

Dot % transfer curve

Dot gain transfer curve

Geometric analysis

Memory for 100 data sets

SpectroPlate All-Vision

Same functions as SpectroPlate Expert and additionally:

Measurement of chemistry-free, processless plates with very low visible contrast.

Specifications

Measurement technology

High-precision optical system with high resolution digital camera and digital image processing

Image capture

1024 x 1024 pixels, 16 million colors, RGB uncompressed

Measurement aperture

1 x 1 mm, direct positioning with viewfinder, real-time image preview captured in LCD graphic device display

Light source

Homogeneous spectral-broadband LED illumination

Measurement time

Approx. 1 second per measurement

Calibration

Factory-made calibrated permanently to Fogra Measuring Bar FMB, white standard in charging console

Measurement range dot

% 0.0 – 100.0 %

Screen ruling range

AM: 30 – 150 l/cm, 75 – 380 lpi; FM: 10 – 70 microns

Measurable media

Offset printing plates, CtP and conventional; film in transmission and reflection, printed paper CMYK

Memory

100 data sets (only Expert- and All-Vision-version)

Repeatability

± 0.5 %

Display

High-contrast backlight LCD graphic display, 240 x 160 pixels, 16 gray levels, contrast ratio adjustable

Power supply

Rechargeable NiMH battery, controlled recharge via charging console with AC adapter, 100 – 240 V, 47 – 63 Hz, up to 10.000 measurements per battery charge, battery level control

Communication Port USB



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