

# 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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**Brakensiek Systemhaus  
GmbH & Co. KG  
Klönnestraße 94  
D-44143 Dortmund****BRAKENSIEK®**  
**SYSTEMHAUS**

Mitglied im

**[www.brakensiek.com](http://www.brakensiek.com)****Tim Brakensiek**

Mitglied des

 **+49(0)231.985-00 10**

Premium Partner

 **+49(0)231.985-2000**