

# X-Rite 528 SpectroDensitometer



Xrite 528 SpectroDensitometer  
Not-New

The X-Rite 528 has been refurbished and new certified on 28.03.2012.

It can be upgraded to X-Rite 530 via Software Key

X-Rite 528 Spektrodensitometer

For printers who print special and process colors. Offering a full selection of densitometric capability, plus several essential color measurement features.

## Functions

[X] Density

[X] Color

[X] Match

[X] Dot

[X] Trap

[X] Print Contrast

[X] Hue Error / Grayness

[X] Paper Indices

[X] Compare

[X] Electronic Function Select (EFS)

## Specifications

### Measurement conditions

#### Illuminant types:

A, C, D50, D55, D65, D75, F2, F7, F11, F12

#### Standard observers:

2°, 10°

#### Response types:

ISO Status T, ISO Status E, ISO Status I, ISO Status A, G, Tx, Ax, Ex, Hi-Fi

### Measurement technology

#### Spectral range:

400nm to 700nm

#### Measurement geometry:

45°/0° per ANSI, DIN & ISO Standards

#### Measurement aperture:

3.4mm (.13in) standard

2.0mm (.078in) optional

6.0mm (.236in) optional

Micro-Spot: 1.6mm (.063in, H) x 3.2mm (.125in, W) optional

**Light source:**

Gas Pressure @ 2856°

**Physical filters:**

No (incandescent lamp light), Optional Polarized, Optional UV cutoff

**Measurement time:**

Approx. 1.4 seconds per single measurement

Approx. 0.9 seconds in Speed Read mode

**Measurement range:**

0.00D–2.5D; 0–160%R

**Inter-instrument agreement:**

±0.01 D or 1% for typical printing processes

0.40 ?E CMC MAX on 12 BCRA Tiles

**Density repeatability:**

±0.005D for 0.00–2.00D\*

±0.010D for 2.00–2.50D\*

\*Polarized Yellow: ±0.010D for 0.00–1.80D

Micro-Spot: ±0.010D for 0.0–1.8D

**Data interface****Serial data interface:**

RS-232 with baud rates 1200 to 57.6K

**Power supply****Power source:**

Ni-MH battery pack, 4.8v rated @ 1650mAh

**Charge time:**

Approximately 3 hours

**Environmental****Operating temperature:**

+10°to +35°C

**Humidity:**

30%–85%RH non condensing

**Mechanical data****Physical dimensions:**

Length: 197mm (7.8in) Width: 76mm (3.0in) Height: 81mm (3.2in)

**Weight:**

1050 grams (2.3lbs.)



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