

# DTP45 Spectral photometer



DTP45 Spectral photometer

- Removable head for single measurements
  - L\*a\*b\* announcement
  - Service with only one key
- I-ntegrierter Kalibrierstandard

Exact colour of the monitor up to the final issue

They have the job to provide for the quality of your colour deductions. Hence, you look for an automatic system which saves time you in the pressure preliminary stage workflow and avoids wastepaper. X-Rite has the right solutions for you. With our new X-RiteColor of ensemble and ensembles + you receive a payable, adaptable method for the measurement, verification and correction of your Proofs.

Hardware options for the most different demands

X-RiteColor ensembles offer you the choice between two extremely high-quality Auto-scan spectral photometers, the series DTP41 II and the DTP45, enlargements rich in function of the model DTP41. Both devices use spectral data for the colour measurement with unmatched exactness. Both devices measure test stripe in approx. 20 seconds and transfer the data automatically to your shaping software.

In addition, the model DTP45 offers you, nevertheless, still many other functions, for example, the additional possibility for the realisation of single measurements. Single measurements are often used for large-size media and pressure controlling elements which are not given as a stripe. Thanks to his raised versatility the DTP45 is suitable ideally for all those which need an automatic colour measuring solution for the pressure preliminary stage in one single device.

Highly competitive, practical software options

The ensembles friendly to operator of X-Rite offer them practical, absolutely unproblematic procedures for the colour management and effortless work. They have the choice between two highly competitive software versions: MonacoPROFILER software (gold or Platinum version) – shaping solution ICC, from now on with improved shaping engine and other improvements.

Technical data

Measuring geometry

45 °/0 ° after ANSI/ISO 5-4

(IT2.17) (Reflektion)

Measuring screen size

1.8 mm in scan direction,

2.5-mm width

Source of light

Gas pressure with 2850 K

Spectral sensor

DRS technology, 24-point engine,

31-point issue

Spectral range

400 nm to 700 nm

Light kind

A, C, D50, D55, D65, D75,

F2, F7, F11 and F12

Standard observer

2 ° and 10 °

**Density kinds**

Status t, E, I, A, M and others

**Measuring duration**

Approx. 0.25 sec. per measuring field  
(7 mm of measuring fields)

**Interface**

USB

**User interface**

According to buttons and  
LED functions of the DTP41

**Display**

LCD display with 2 lines a 16  
Signs to the announcement from L\*a\*b\*-  
Value kind and light kind, more use-determinably  
Announcement string with  
to inlaid device

**Measuring options**

Stripe measurement and single measurement

**Stripe mode**

Compatibly to DTP41 stripe

**Single mode**

Removable hand device with  
to foldable down target window

**Reflection measurement**

Device correspondence  
0.3 DE cmc typ.  
Durchschn. (on the basis of  
from 12 tiles BCRA)  
Measuring area  
0.00 D to 2.50 D; 0  
to 160% R  
Ability for reproduction  
on white  
0.2 DE max.;  $\pm 0,01$  D  
max.

**Linearity**

$\pm 0.01$  D or 1%

**Calibration**

Integrated Reflektionsstandard

**Surroundings terms**

from +10 to +40 °C  
Operating temperature, from 30 to 85%  
rel. Air humidity, not  
condensing

Warm-up time  
None

Necessary one  
Electricity supply  
12 V of direct current, the universal  
100-240 V of net part; 50/60 hertz

Dimensions  
Height: 104 mm; width: 302 mm;  
Depth: 1.184 mm

Weight  
1189 g



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