

Short operating description DigiDens T6CR:

Power ON (button P):

Press the (red) button P until DigiDens Cal CR (default setting reflection) or DigiDens Cal T appears on the display (approx.2 sec.).

If you keep holding the button P pressed, the mode will be switched (from reflection to transmission or visa vers). The next step is to calibrate on white (e.g. paper white).

Calibrate (button C):

Calibrate CR = Reflection mode for Densities and Percentage measurements white relative (compulsary):

Position the probe on the most white area (usually paper white) and press the (middle) button C.

Calibrate for Percentages (Display Mode 2, see below):

Position the measuring probe on a solid process colour (one of C,M,Y,K) and press (middle) button C.

Do this with all 4 process colours.

Calibrate T = Transparent mode for Densities and Percentage:

Position the measuring probe on clear film mounted on a marked illuminated light table area and press button C.

Measuring procedure Reflection Mode (button M):

(To switch between the following modes, press button P)

Mode 1 = densities CMYK:

Position the measuring probe on the sample field to measure and press the (left) button M.

The automatic process colour detection displays the density of this process colour sample in the appropriate position in the display marked by a leading arrow.

Mode 2 = %-values CMYK:

Position the measuring probe on the sample field to measure and press the (left) button M.

Presumed, you calibrated on the corresponding solid process colour field before, the automatic process colour detection displays the percentage of this process colour sample in the appropriate position in the display marked by a leading arrow.

Mode 3 = Density balance CMYK:

Position the measuring probe on the sample field to measure and press the (left) button M.

The display shows for all process colour components (C,M,Y,K) the corresponding densities.

This function is useful for balance considerations of the process colour components.

Mode 4 = Difference to reference density CMYK:

Chose a reference process colour (one of C,M,Y,K):

Position the measuring probe on this reference sample field to measure and press the (left) button M.

Hold this button, until the R appears in the first column of the display.

The currently measured process colour is stored now as a reference and all following measurements will be compared with this reference.

Therefore position the measuring probe on a sample field to measure and press the (left) button M.

The density difference will be displayed in the appropriate position in the display marked by a leading arrow.

Mode 5 = Colour Difference dE

Chose a reference colour:

Position the measuring probe on this reference sample field to measure and press the (left) button M.

Hold this button, until the R appears in the first column of the display.

The currently measured colour is stored now as a reference and all following measurements will be compared with this reference.

Therefore position the measuring probe on a sample field to measure and press the (left) button M.

The colour difference in dE will be displayed (tri stimulus simulation).

Measuring procedure Transmission Mode (button M):

Position the measuring probe on the illuminated sample field to measure and press the (left) button M.

In the display appears the density and percentage.

Power Off (button P):

To switch off the device, keep the button P pressed, until 'Down' appears on the display (might last up to 5 seconds).

IMPORTANT:

please keep the measuring probe of the instrument clean.

It can be cleaned with moderate air pressure.

You also find a soft wood stick in the battery case, which can be used for a careful cleaning.

With a clean measuring probe, the values measured on the colour table should always be close (D +/- 0.02) to those listed on the colour table value list.

For further operating instructions, please see the Operating Manual