

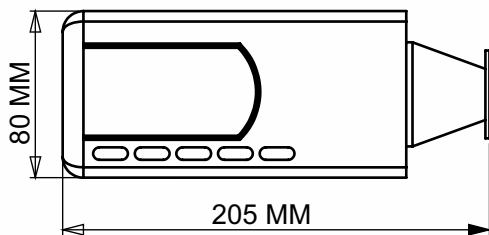
# Precision Color Matching - TP 110



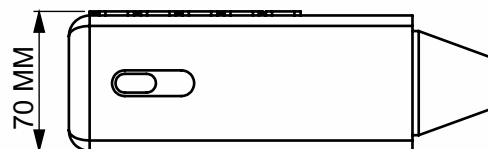
## Model No. TP110

**Precision Color Matching TP110** is a consistent tool useful for portable and high quality color measurement. It works with color sensor with multiple channels according to international standards. Color Matching TP110 complies with various CIE Standards.

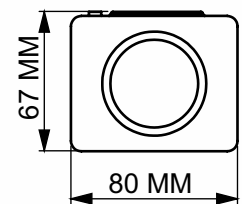
- Adopts accurate camera locating feature
- Illumination locating for user ease of operation
- Software based output of test results
- Auto white and black calibration
- Various Color Sources
- Display of Whiteness, Yellowness and Color Fastness
- Convenient Operation and ergonomic design
- Small measuring aperture- easy to measure concave-convex object
- Creative Facula locating and cross locating



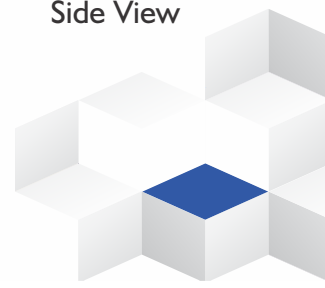
Top View



Front View



Side View



The portable color measurement instrument is used to measure the color consistency of various types of products and is designed for many production verticals like plastics, rubbers, paper & Packaging, paint & plating, automotive, textile and many more.

**Key Specifications:**

Illumination/Observation system	8/d (8° illumination angle/diffuse viewing)
Measuring Aperture	4 mm (Diameter)
Light Sources	D-65
Detector	Silicon photoelectric diode
Color Spaces Indices	CIEL*a*b*C*h, CIEL*a*b*, CIEXYZ
Minimum Interval Between measurement	Approx 1.0s
Measuring End Face	Large stable end face and small concave convex end face
Repeatability	Standard deviation with in $\Delta E^* ab0.08$ (avg. on 30 measurement with standard white plate.)

**Highlights:**

Battery	Li-ion battery 3.7 V DC (Lithium Ion, 3200mAh)
Lamp Life	3 years approx..
Display	2.8 Inch @ 16 : 9 TFT true color
Storage	Upto 20000 samples and 100 standards
Communication Port	USB
Dimensions	205x70x80 mm

**Standard Accessory :**

Power adaptor, Li-ion Battery inbuilt, operating instruction manual, white calibration cover, wrist band, 4 mm measuring aperture, USB cable.

**Optional Accessory :**

- Miniature thermal printer
- Other models TP 310, TP 800 also available on request.

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