

### **Testronix portable colorimeter TP 310**

Colors are playing an important role at the industrial level. The colors are used by industries for adding vibrancy to their products. As everyone knows that the colors have a great impact on the mental status of the customers, most of the industries emphasize on ensuring best color quality and vibrancy of their products. The color measurement is one of the ways that are utilized by industries to ensure the best color quality of the products. Color quality assurance is not only limited to products, but it is also applied to the company logos, identities so that brand establishment could be performed easily. The Portable color device offered by Testronix are the best for ensuring best color consistency of the products. The instruments are portable, handy and are easy to operate.



#### **Features**

- It has a li-ion battery with a capacity of 3200 mAh
- The lamp life of the equipment is 5 years through which more than 1.6 million of measurements can be done easily.
- A USB Data interface is provided with the device.
- The miniature thermal printer is also provided as an optional accessory.
- It has photoelectric silicone diode type light sensor.



## Specifications

- The enlightening geometry of the portable device is 8/d.
- The device is available for measuring aperture of the diameter of 4 mm. Aperture with diameter 8 mm is also available (Optional for measuring concave surfaces easily )
- The color space indices include Yellowness & Whiteness,color fastness CIEL\*a\*b\*C\*h\* CIEL\*a\*b\* CIEXYZ CIERGB CIEL\*u\*v\* CIEL\*C\*h
- The color difference is determined by following formulas:  $\Delta L^*a^*b^*$ ,  $\Delta E^*ab$ ,  $\Delta E^*C^*h^*$ .
- Light sources provided by the instrument are D65 and D50A.
- The instrument can store maximum 100 standards and 20000 samples in its memory.
- It provides repeatability with a maximum deviation under  $\Delta E^*ab$  0.06.
- The device has a dimension of 195x70x110mm

