TXL-GEN-025 / 28 October 2026 · One-year manufacturer warranty

Colour Assessment Quality Control Station (K002-WS)

Freestanding colour assessment station for print, packaging and larger surfaces. Overhead illumination, a large viewing deck inclined at 15°, keyboard/monitor mounting drawer and lower storage cupboard in one unit; selectable D50, D65, TL84 and UV-A Black Light sources, touchscreen panel and electronic operating-hour tracking. 120 and 150 cm models.



Model technical data

1	Models: K002-WS-120 and K002-WS-150; freestanding station.
2	Viewing area: K002-WS-120 1242 × 775 × 1134 mm; K002-WS-150 1542 × 775 × 1134 mm; viewing deck inclined at 15°.
3	Light sources: selectable D50, D65, TL84 and UV-A Black Light; UV-component control with D50/D65 and UV-only operation.
4	Control: touchscreen panel and electronic operating-hour tracking.
5	Keyboard/monitor mounting drawer and lower storage cupboard.
6	The 15° station deck is distinct from the separate 45° table used in light booths.

Physical specifications and utilities

Electrical supply	Approx. 220–240 V AC, 50/60 Hz, single phase; build-dependent.
Power / connected load	Approx. 150–400 W connected load for preliminary planning.
Overall instrument dimensions	External dimensions (W × D × H): K002-WS-120 1322 × 900 × 2220 mm; K002-WS-150 1622 × 900 × 2220 mm.
Instrument weight	Approx. 120–220 kg net; by model.
Gross / shipping weight	Approx. 170–300 kg gross; estimated packing allowance.
Lab requirements	Level, load-bearing floor; ceiling clearance for the 2220 mm instrument height; computer/monitor separate.

Dimension order and approximate values are stated in each row. Packaging data are separate from instrument dimensions and net mass. Approx. rows are preliminary engineering estimates based on comparable equipment and function/capacity; they are not verified manufacturing measurements or standard requirements. Installation and shipment are finalised against the approved drawing and nameplate. Estimate scope: base product / one unit; external computer, bench and auxiliary plant excluded.

Specifications, dimensions, and power requirements are approximate and subject to change without prior notice for continuous design improvements.

Product technical specifications and images may vary according to manufacturing conditions and applicable standards.

Test and configuration

Measured output / function	Visual colour comparison under controlled illumination
Parameters selected for the method	Light source, UV component, viewing geometry and specimen arrangement
Verification points	Spectral distribution, illuminance and source operating hours

Control and recording specification

Method-specific software and recording requirements follow. Delivered software modules are defined by the order scope.

• Method code and edition, specimen ID, operator and selected test parameters are linked to the record.

• The calculation and endpoint are defined by the selected method edition; instrument signals and operator assessments are kept distinct.

• Raw measurements, units, valid/invalid test flags and the reported result remain traceable.

• Calculations are checked against known inputs and an independent calculation; sensor channels are checked against calibration values.

Related test methods

ISO 3664 · ASTM D1729 · ISO 3668 · AATCC EP9

Listed methods are application references. Suitability is established by assessing hardware, method edition and calibration together.