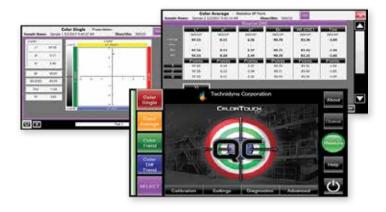# COLORTOUCH™ QC

The ColorTouch™ QC, or Quality Check, is the newest addition to the ColorTouch™ family. The ColorTouch™ QC is designed to meet the same ISO standards as all ColorTouch™ instruments, while providing you the convenience of simple operator interfaces and basic optical measurements. Capable of measuring ISO Brightness, Color, Fluorescence and Opacity, the Quality Check is designed to give your operations a powerful tool to manage your optical properties.

The ColorTouch ™ QC by Technidyne is built on the 25 year history of the ColorTouch family of instruments. Built around a user interface which utilizes touch screen technology to make its operation as simple as one touch.

Load - Touch - Results

Can't get much simpler than that. Pre-built automeasure routines provide your Quality program with the confidence that your testers measure the sample the same way each time, providing you the consistency needed for operations.

Designed to be your QC instrument

measuring:
- ISO Brightness
- CIE Whiteness/Tint
- Color Space (Lab, L*a*b*)
  Illuminant and Observes D65/10 & C/2
- Color Tolerancing
- Fluorescent Component of Brightness, Color and Whiteness
- Opacity

> Meeting ISO and other industry standards:
> Diffuse Illumination / O° Viewing
> d/O° Geometry
> ISO 2469, 2470, 2471, 5631, 9416, 11475, 11476, 22754, 22891,
> TAPPI T 519,525, 527, 560, 567

When quality matters, Technidyne is there

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Key Features

Touch-Screen Interface

Data Export in CSV and XML via Ethernet or USB

FTP server connection capability

Remote Support w/ embedded TeamViewer

Automated Calibration w/swingIn "working" standard

Exact conformance to ISO standards

ColorTouch™ QC

Touchscreen Operation

Point & Touch and the ColorTouch™QC does the rest
Preprogrammed test routine to allow for easy set-up and testing
Does not require an external PC
Automatic Calibration
Swing-in Calibration Standard

ColorTouch™ QC Specifications

Parameter	Specification	Parameter	Specification
Light Source	Pulsed Xenon	Lamp Life (number of measurements)	500,000+
Geometry	Dual Beam, d/0	Specimen Area Measured	30mm
Repeatability (white tile avg. 20 readings)	< 0.01 CIELAB DE	Reproducibility (Inter-instrument)	<0.20 CIELAB DE
Measurement Range Reflectance	0-200%	Wavelength	360-780nm
Detector	CCD 131,000 Pixels	Spectrometer	Dual Blaze Grating
Bandpass	5nm	Reflectance Data Intervals	NA
Sources	D65, C, UV-EX	Illuminants	C, D65
Observers	CIE 2°, 10°	Color Scales	X,Y,Z/R(x),R(y),R(z)/L,a,b/L*,a*,b*
Whiteness	CIE	Tint	CIE
Yellowness	NA	Opacity	Yes
Flouresence	Yes	Fluorescence	Yes
Stored Standards	Yes	Color Difference	NA
ERIC	NA	Display	10.1 Color TFT 1024 x 600 WSVGA, PCT Multi Touch Screen
Communications	USB, RS232, Ethernet	Hard Disk Drive	32 GB Sata SSD
Operating Temperature	13-32 degrees Celsius	USB port	Yes (4)
Automatic Calibration	Yes (Built-In Swing In Standard)	Industry Standards	ISO: 2469,2470,2471,11475,11476, 5631/TAPPI: 519, 525, 527, 534, 560
Weight	45 # /20.4 kg	Height	23.5" /60 cm
Width	13" / 33 cm	Depth	18" / 46 cm
Power Consumption	170 watts maximum / 80 watts passive	Voltage Frequency	100-130 VAC/49-61 Hz / 210-250 VAC/49-61 Hz