

Introducing the newest member to the Technidyne ISO family



ColorTouch™X expanding your capabilities

Simple - Accurate - Flexible - Powerful

New Features:

- Expanded Wavelength Range - Provides improved analysis of UV region
- New Intuitive Operator Interface - Simple and responsive
- Data Trending - Trend data over time, grade run, shifts, etc.
- Simultaneous Grade Tracking - Track multiple grades from different sources at the same time
- Pass/Fail Alerts - Immediate notification of out of spec measurements
- APP Technology - Provides the foundation for adding new features as they become available or the development of custom APPS for your specific measurement or calculation

Since 1980 Technidyne has been producing instruments that meet the ISO Optical Standards for the global pulp and paper industry. In 1994 Technidyne brought to market the ColorTouch™ which quickly set the standard for functionality, precision and dependability.

The ColorTouch™X brings together a powerful set of tools to meet the demands of the brightness, color, fluorescence and ERIC950 markets. In addition to these traditional applications, the expanded wavelength range of the ColorTouch™X provides a higher level of accuracy and capabilities.

No other instrument in the market today can match the ColorTouch™X for capabilities, functionality and quality.



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

APP Technology built-in for adding new features

Exact conformance to ISO standards

Touchscreen Operation

Point & Touch and the ColorTouch™X 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

Advanced Data Analysis

Trending data allows for tracking grades over several samples

Compare multiple samples on various color plots

Establish optical tolerances on grades for PASS/FAIL analysis

Spectral Data Capabilities

Spectrophotometric data for comprehensive understanding of dyes, fillers and other colorants

Greater accuracy of colorimetric data

Thorough analysis of metameric color matches

and much more



ColorTouch™ X 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
Photometric Nonlinearity	0.1%	Measurement Time	2 seconds
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	1, 5, 10, 20nm
Sources	D65, C, UV-EX , UV1, UV2	Illuminants	A, B, C, D50, D55, D65, D75, F2, F7, F11
Observers	CIE 2°, 10°	Color Scales	X,Y,Z/R(x),R(y),R(z)/L,a,b/L*,a*,b*/L*,C*,h/DWL,PUR,x,y,Y
Whiteness	CIE, ASTM, HUNTER	Tint	CIE, HUNTER
Yellowness	HUNTER	Opacity	Yes
Flouresence	Yes	Fluorescence	Yes
Stored Standards	Yes	Color Difference	Yes
ERIC	Optional	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