

# Choose Technidyne Subscription Services for Optimal Performance and Compliance with National and International Standards!


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"Monthly" Standards deliver 12 times per year, January through December.  
 "Quarterly" Standards deliver 4 times per year, January, April, July and October.  
 We accept Mastercard and Visa, as well as purchase orders for most customers.


Please visit <https://www.technidyne.com/how-to-videos> for instrument specific calibration instructions.

## ColorTouch® X ISO Calibration Standards

This standard works with all stand-alone ColorTouch® devices, the Technidyne Micro TB-1C, Elrepho and Minolta CM-3630

	<b>Primary Calibration and Verification</b>	<b>Primary Calibration and Verification w/ERIC (950)</b>	<b>Diffuse (ISO) Opacity Calibration Verification</b>
	CXIELS25M Monthly \$3300	CXIRLS25M Monthly \$3800	OPIETB22M Monthly \$1830
	CXIELS25Q Quarterly \$1670	CXIRLS25Q Quarterly \$1955	OPIETB22Q Quarterly \$945
	CXIELS251 One-Time \$700	CXIRLS251 One-Time \$700	OPIETB221 One-Time \$700

## PROFILE/Plus® ColorTouch® ISO Calibration Standards

	<b>Primary Calibration and Verification</b>	<b>Primary Calibration and Verification w/ERIC (950)</b>
	ACIETB25M Monthly \$3300	ACIRTB25M Monthly \$3800
	ACIETB25Q Quarterly \$1670	ACIRTB25Q Quarterly \$1955
	ACIETB251 One-Time \$700	ACIRTB251 One-Time \$700


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## TEST/Plus® ISO Brightness and Technidyne TB-1 Calibration Standards

	<b>Primary Calibration and Verification</b>
	TBIETB25M Monthly \$1960
	TBIETB25Q Quarterly \$980 TBIETB251 One-Time \$700


## ColorTouch® X 45 – TAPPI Brightness & Color Calibration Standards

\*TAPPI Brightness is also known as “45°/0° Brightness”, “GE Brightness” and “Directional Brightness”

	<b>Primary Calibration and Verification</b>
	C4TETB25M Monthly \$3695
	C4TPWG22 CTX45 Working Standard (TILE) - \$200


## Technidyne TEST/Plus® TAPPI Brightness, Micro S-5, S-4\*

\*TAPPI Brightness is also known as “45°/0° Brightness”, “GE Brightness” and “Directional Brightness”

	<b>TAPPI Brightness &amp; Color Calibration</b>	<b>TAPPI Brightness Calibration</b>	<b>Fluorescence Verification</b>	<b>TAPPI Brightness Tissue</b>
	BCTETB12M Monthly \$2670	BRTETB12M Monthly \$1925	FWTETB12M Monthly \$1245	BRTETI44M Monthly \$1245
	BCTETB12Q Quarterly \$1375 BCTETB121 One-Time \$700	BRTETB12Q Quarterly \$995 BRTETB121 One-Time \$700	FWTETB12Q Quarterly \$890 FWTETB121 One-Time \$700	BRTETI44Q Quarterly \$890 BRTETI441 One-Time \$700

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## PROFILE/Plus® TAPPI Brightness Calibration Standards

	<p><b>TAPPI Brightness Calibration</b></p> <p>BRTETB85M Monthly \$2940</p> <p>BRTETB85Q Quarterly \$1540</p> <p>BRTETB851 One-Time \$700</p>
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## TEST/Plus® Opacity (TAPPI), BNL-3, BNL-2, Micro S-5 with Opacity

	<p><b>TAPPI Opacity Calibration</b></p> <p>OPTETB25M Monthly \$1960</p> <p>OPTETB25Q Quarterly \$980</p> <p>OPTETB251 One-Time \$700</p>
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## PROFILE/Plus® Opacity (TAPPI)




	<p><b>TAPPI Opacity Calibration</b></p> <p>OPTETB85M Monthly \$2715</p> <p>OPTETB85Q Quarterly \$1300</p> <p>OPTETB851 One-Time \$700</p>
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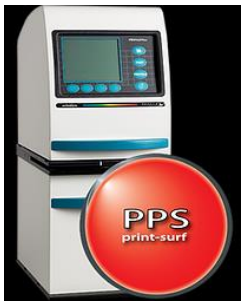
## Test/Plus® Gloss 75°

## PROFILE/Plus® Gloss 75°

## T480 Gloss 75°


	<p><b>75° Gloss Calibration</b></p> <p>TGT7TB85M Monthly \$1300</p> <p>TGT7TB85Q Quarterly \$900</p> <p>TGT7TB851 One-Time \$700</p>		<p><b>75° Gloss Calibration</b></p> <p>GLTETB85M Monthly \$2050</p> <p>GLTETB85Q Quarterly \$1090</p> <p>GLTETB851 One-Time \$700</p>		<p><b>75° Gloss Calibration</b></p> <p>GLTETB44M Monthly \$1280</p> <p>GLTETB44Q Quarterly \$900</p> <p>GLTETB441 One-Time \$700</p>
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## PROFILE/Plus® Print-Surf, Other Parker Print Surf Instruments

	<p><b>Print-Surf Paper Calibration with Backing Assembly</b></p> <p>PPTETB85M Monthly \$4210</p> <p>PPTETB85Q Quarterly \$2350</p> <p>PPTETB851 One-Time \$700</p>	<p><b>Print-Surf Paper Calibration without Backing Assembly</b></p> <p>PBTETB85M Monthly \$2675</p> <p>PBTETB85Q Quarterly \$1435</p> <p>PBTETB851 One-Time \$700</p>
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# PROFILE/Plus® Burst, Other Burst Instruments

	Bursting Strength Calibration Verification, <b>PAPER</b> (Low, Medium & High ranges)	Bursting Strength Calibration Verification, <b>BOARD</b> (Low, Medium & High ranges)	Bursting Strength Calibration Verification, <b>PAPER (Individual Range)</b>	Bursting Strength Calibration Verification, <b>BOARD (Individual Range)</b>
	<b>Technidyne PROFILE/Plus ABU, All Other Bursting Strength Instruments</b>	<b>Technidyne PROFILE/Plus ABU-Board, All Other Bursting Strength Instruments</b>	\$70/each One-Time	\$70/each One-Time
	BUXUFPM Monthly \$1795	BUXUFBM Monthly \$3500	Item #            psi PABUSTD0010 - Paper 6-12 PABUSTD0020 - Paper 12-20 PABUSTD0030 - Paper 20-30 PABUSTD0040 - Paper 30-60 PABUSTD0080 - Paper 60-75 PABUSTD0050 - Paper 75-100 PABUSTD0060 - Paper 100-140 PABUSTD0070 - Paper 140-180	Item #            psi PABUSTD0100 - Board 40-70 PABUSTD0110 - Board 70-90 PABUSTD0120 - Board 90-130 PABUSTD0130 - Board 130-160 PABUSTD0140 - Board 160-200 PABUSTD0150 - Board 200-250 PABUSTD0160 - Board 250-300
	BUXUFPQ Quarterly \$480  BUXUFP1 One-Time \$180	BUXUFBQ Quarterly \$935  BUXUFB1 One-Time \$340		

## Emtec Tissue Softness Analyzer (TSA)

	Call (812) 948-2884 or  <b>EMAIL:</b> <a href="mailto:lab@technidyne.com">lab@technidyne.com</a>  for up-to-date pricing
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## MorFi (Pulp morphology)

	Calibration Fiber, 25g bottle  TCPMOSTD0030 \$200
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## REFERENCE STANDARDS

Technidyne Reference Standards are durable products that can be used for various calibration related functions with your Technidyne equipment. Some products may work with other manufacturers' devices. Please contact the Technidyne Laboratory or your Sales and Service representative. *(Technidyne Reference Standards should be inspected and certified annually. See below for more recertification prices. You must obtain a Return Authorization from Technidyne prior to shipment for recertification services.)*

### Color Tiles



#### D/0° Diffuse (ISO) Brightness and Color Evaluation (Source C IL/OB D65/10°)\*

	P/N	ColorTouch® X	P/N	Unevaluated
90 Range White Ceramic	CXIE9022	OUT OF STOCK	XXIU9022	OUT OF STOCK
80 Range White Ceramic	CXIE8022	\$370	XXIU8022	\$290
70 Range Cream Ceramic	CXIE7022	\$370	XXIU7022	\$290
50 Range Yellow Ceramic	CXIE5022	\$370	XXIU5022	\$290
Pastel Blue Ceramic	CXIEPB22	\$370	XXIUPB22	\$290
Pastel Green Ceramic	CXIEPG22	\$370	XXIUPG22	\$290
Gray Ceramic	CXIEGY22	\$370	XXIUGY22	\$290
Pink Ceramic	CXIEPK22	\$370	XXIUPK22	\$290
Newsprint	CXIENP22	\$370	XXIUNP22	\$290
20 Range Kraft Ceramic	CXIEKC22	\$370	XXIUKC22	\$290
Storage Case- holds eight 2" x 2" or 1" x 2" standards			PMTBASR0040	\$175

\*Other Source/IL/OB options available on request.

\*Evaluated color tiles should not be used for primary calibration of D/0° Diffuse (ISO) Brightness and Color Instruments, like the Technidyne ColorTouch® X.

\*For primary calibration of D/0° Diffuse (ISO) Brightness and Color devices order ColorTouch® X calibration standards (page 1 of this catalog.)

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**45°/0° Directional (TAPPI) Evaluation: MICRO S-5**

	<b>P/N</b>	<b>Evaluated</b>	<b>P/N</b>	<b>Unevaluated</b>
90 Range White Ceramic	BCTE9012	OUT OF STOCK	XXTU9012	OUT OF STOCK
80 Range White Ceramic	BCTE8012	\$370	XXTU8012	\$290
70 Range Cream Ceramic	BCTE7012	\$370	XXTU7012	\$290
50 Range Yellow Ceramic	BCTE5012	\$370	XXTU5012	\$290
Pastel Blue Ceramic	BCTEPB12	\$370	XXTUPB12	\$290
Pastel Green Ceramic	BCTEPG12	\$370	XXTUPG12	\$290
Gray Ceramic	BCTEGY12	\$370	XXTUGY12	\$290
Pink Ceramic	BCTEPK12	\$370	XXTUPK12	\$290
Newsprint	BCTENP12	\$370	XXTUNP12	\$290
20 Range Kraft Ceramic	BCTEKC12	\$370	XXTUKC12	\$290
Storage Case- holds eight 2" x 2" or 1" x 2" standards			PMTBASR0040	\$175

**OPACITY**

**Opacimeter BNL-2, BNL-3 and MICRO S-5 with Opacity, PROFILE/Plus® Opacity, TEST/Plus® Opacity**

	<b>P/N</b>	<b>Evaluated</b>
One Opal Glass Opacity Standard, 72 +/- 4% - 2" x 2" in storage case.*	OPTEGL2272	\$495
One Opal Glass Opacity Standard, 78 +/- 4% - 2" x 2" in storage case *	OPTEGL2278	\$495
One Opal Glass Opacity Standard, 85 +/- 4% - 2" x 2" in storage case.*	OPTEGL2285	\$495
One Opal Glass Opacity Standard, 91 +/- 4% - 2" x 2" in storage case.*	OPTEGL2291	\$495
Storage Case	PBN3ASR0020	\$175

\*An adaptor may be required for use with some Technidyne Opacimeters. For inquiries call Technidyne Lab at (812) 948-2284 ext. 114.

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**ABSOLUTE REFLECTANCE**

**Opacimeter BNL-2, BNL-3 and MICRO S-5 with Opacity, PROFILE/Plus® Opacity, TEST/Plus® Opacity**

	<b>P/N</b>	<b>Evaluated</b>	<b>P/N</b>	<b>Unevaluated</b>
Absolute Reflectance/ Scattering Standard 2" x 5" (Ceramic evaluated at 572 nm)	OPTEAB25	\$600	XXTUAB25	\$375
Storage Case- Holds six opacity/absolute reflectance standards			PBN3ASR0020	\$175

**Gloss**

**Technidyne Standard - Glossmeter T480 and T480A (75°, 20° and 75/20°)**

	<b>P/N</b>	<b>Evaluated at 75° or 20°</b>	<b>P/N</b>	<b>Evaluated at 75° &amp; 20°</b>
High Gloss Black Glass - Primary Standard	GLT7HB22	OUT OF STOCK	GLT9HB22	OUT OF STOCK
High Gloss White Glass	GLT7HW22	OUT OF STOCK	GLT9HW22	OUT OF STOCK
High Gloss Black Glass - Cross-Check Standard	GLT7HC22	OUT OF STOCK	GLT9HC22	OUT OF STOCK

**T480 2"x2" Square Tiles are CURRENTLY UNAVAILABLE – REPLACEMENT ITEMS ARE 2" Round Tiles – SEE BELOW**

**Technidyne Standard - PROFILE/Plus® Gloss 75°, TEST/Plus® Gloss (75°, 20°) – 2" Round Tiles**

	<b>P/N</b>	<b>Evaluated</b>
High Gloss Black Glass - Primary or Cross-Check Std, PROFILE/Plus® Gloss <b>TAPPI 75°</b>	AGT7HB22	\$500
High Gloss Black Glass with Mounting plate, PROFILE/Plus® Gloss <b>TAPPI 75°</b>	AGT7HP22	\$850
High Gloss Black Glass – TEST/Plus® Gloss <b>TAPPI 75°</b>	TGT7HB22	\$500
High Gloss Black Glass – TEST/Plus® Gloss <b>TAPPI 20°</b>	TGT2HB22	\$500
High Gloss Black Glass – Evaluated for <b>TAPPI 75° &amp; TAPPI 20°</b>		\$850

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**Fluorescence**

**MICRO S-5**
**45°/0° Directional (TAPPI) - 1" Square Fluorescent Standards**

White Acrylic Fluorescent Standard	<b>Fluorescent Component</b>	<b>P/N</b>	<b>Unevaluated</b>
FW14	8-11	XXTU1411	\$230
FW12	5-7	XXTU1211	\$230
FW9 **	0	XXTU0911	\$230
Storage Case		PMS5ASR0030	\$ 175

\*\* FW9 standards are only to be used with Technidyne "Micro" instruments.

**MICRO TB-1C**
**D/0° Diffuse (ISO) 2" Square Fluorescent Standards**

	<b>P/N</b>	<b>Unevaluated</b>
FW14	XXIU1422	\$230
FW12	XXIU1222	\$230
FW9 **	XXIU0922	\$230
Storage Case	PMS5ASR0030	\$175

\*\* FW9 standards are only to be used with Technidyne "Micro" instruments.

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**AIR FLOW**

**Calibrated Restrictor – Technidyne PROFILE/Plus® Roughness**

Restrictor Complete Set of 4	CFRERR CS	\$3100
Calibration Flow Restrictor Rod – Low Range	CFRERR LO	\$825
Calibration Flow Restrictor Rod – Medium Range	CFRERR ME	\$825
Calibration Flow Restrictor Rod – High Range	CFRERR HI	\$825
Calibration Flow Restrictor Rod – Transition Range	CFRERR TR	\$825


**Calibrated Restrictor - Technidyne PROFILE/Plus® PPS**

Restrictor Complete Set of 4	CFREPP CS	\$3100
Calibration Flow Restrictor Rod – Low Range	CFREPP LO	\$825
Calibration Flow Restrictor Rod – Medium Range	CFREPP ME	\$825
Calibration Flow Restrictor Rod – High Range	CFREPP HI	\$825
Calibration Flow Restrictor Rod – Transition Range	CFREPP TR	\$825


**Calibrated Restrictor - Technidyne PROFILE/Plus® Porosity**

Restrictor Complete Set of 5	CFRERP CS	\$3825
Calibration Flow Restrictor Rod – Zero Range	CFRERP ZE	\$825
Calibration Flow Restrictor Rod – Low Range	CFRERP LO	\$825
Calibration Flow Restrictor Rod – Medium Range	CFRERP ME	\$825
Calibration Flow Restrictor Rod – High Range	CFRERP HI	\$825
Calibration Flow Restrictor Rod – Transition Range	CFRERP TR	\$825

**CALIPER**

**Certified Steel Gage Blocks (thickness standards)**

0.005" (5 MIL) Gage Block	PACLASR0050	\$200
0.010" (10 MIL) Gage Block	PACLASR0060	\$200
0.020" (20 MIL) Gage Block	PACLASR0020	\$200
Additional sizes available upon request		

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## RECERTIFICATION SERVICES

Technidyne Reference Standards are designed to be durable and used many times over the course of a year, however they can become worn-out or otherwise change due to use and storage conditions. You should have your standards inspected, maintained and certified on a regular basis to keep your equipment running at its optimum. Technidyne Certificates for Reference Standards are valid for one year from the date of issue.

**You must receive a Return Authorization (RA) from Technidyne before submitting your Reference Standards for service and recertification. Technidyne may refuse delivery of Reference Standards without a valid RA. Call (812) 948-2884 ext. 114.**

### Optical Properties Standards

	<u>P/N</u>	<u>Price</u>
Recertification of 2" x 5" Ceramic Absolute Reflectance Standard	RCTECE25A	\$250 each
Recertification of 2" x 5" or 2" x 2" Opal Glass Opacity Standard	RCTEOP25A	\$250 each
Recertification of 4" x 4" Total Reflectance Standard	RCIEGL44A	\$250 each
Recertification of 75° Gloss Standard	RCT7GL22A	\$325 each
Recertification of 20° Gloss Standard	RCT2GL22A	\$325 each
Recertification of 75° & 20° Gloss Standard	RCT9GL22A	\$475 each
Recertification of 2" x 2" Ceramic ColorTouch® X Standard (C/D65/10°)	RCCTCE22A	\$250 each
Recertification of 1" x 2" Ceramic S-5/S-4 Standard	RCTECE12A	\$250 each

### Calibration of Air Flow Restrictors (RODS ONLY)

	<u>P/N</u>	<u>Price</u>
Recertification of Flow Restrictor	RCRERPLOA	\$400 each

**TECHNIDYNE OFFERS CONTRACT TESTING SERVICES FOR MANY TAPPI, ISO AND ASTM OPTICAL PROPERTIES. CALL (812) 948-2884 EXT 114 FOR MORE INFORMATION AND PRICING.**

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**Phone: (812)948-2884**

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