



DELTA INSTRUMENTS PRICE LIST

March 2021

Pavement Marking Retroreflectometers

Item Description	Item Number	Unit Price	Features
LTL3000 R <i>Measures nighttime visibility(RL) of pavement markings in 1 second</i>	530558	\$12,200.00	Measures in less than one second for RL, measures RL on profiled markings up to 15mm/0.6 inch, color touch LED display, one-step calibration, USB memory stick interface, operating temperature 0-60° C/32° to 140° F, stray light compensated, complies with EU (EN1436) and US (E1710, E2177, E2302 & E2367) standards.
LTL3000 RQ <i>Measures both daytime and nighttime visibility of pavement markings in 1 second</i>	530559	\$13,300.00	Measure in less than one second for RL & QD, measures RL on profiled markings up to 15mm/0.6 inch, color touch LED display, one-step calibration, USB memory stick interface, operating temperature 0-60° C/32° to 140° F, stray light compensated, complies with EU (EN1436) and US (E1710, E2177, E2302 & E2367) standards.
Nighttime color (x,y) for LTL3000 <i>Optional feature for measuring nighttime color of pavement markings.</i>	530560	\$1,790.00	Measures nighttime chromaticity coordinates (x,y) according to ASTM E 2367 and CIE 1931
Built-In GNSS for LTL3000 <i>Optional satellite navigation feature for recording geo-spatial positioning and time.</i>	530561	\$1,230.00	Compatible with GPS, GLONASS, BeiDou, and Galileo.
LTL-3500R <i>Measures nighttime visibility(RL) of pavement markings</i>	530644	\$17,000.00	Convenient working position, ext. handle, measures dry & wet markings and continuous wetting (ASTM E2832), measures temperature/humidity, pass/fail average calculation, measure in less than one second for RL, measures RL on profiled markings up to 15mm/0.6 inch, color touch LED display, one-step calibration, USB memory stick interface, operating temperature 0-60° C/32° to 140° F, stray light compensated, complies with EU (EN1436) and US (E1710, E2177, E2302 & E2367) standards.
LTL-3500RQ <i>Measures both daytime (QD) and nighttime (RL)visibility of markings</i>	530645	\$18,500.00	Convenient working position, ext. handle, measures dry & wet markings and continuous wetting (ASTM E2832), measures temperature/humidity, pass/fail average calculation, measure in less than one second for RL & QD, measures RL on profiled markings up to 15mm/0.6 inch, color touch LED display, one-step calibration, USB memory stick interface, operating temperature 0-60° C/32° to 140° F, stray light compensated, complies with EU (EN1436) and US (E1710, E2177, E2302 & E2367) standards.
Nighttime color (x,y) for LTL-3500 <i>Optional LTL-3500 feature measures nighttime color(x,y) coordinates</i>	530646	\$1,950.00	Measures nighttime chromaticity coordinates (x,y) according to ASTM E 2367 and CIE 1931.
Built in GNSS for LTL-3500 <i>Optional GPS feature</i>	530647	\$1,600.00	Compatible with GPS, GLONASS, BeiDou, and Galileo.
LTL-3500 built-in macro camera <i>LTL-3500 built-in macro camera</i>	530648	\$1,300.00	Marking material close up photos.
LTL-3500 built in overhead camera <i>Optional camera for overview pictures of markings</i>	530649	\$1,300.00	Marking material overview photos
LTL-3500 Built-in orientation, instrument tilt <i>Optional instrument positioning level</i>	530650	\$550.00	Optional compass (for orientation) and accelerometer (instrument tilt)
LTL-3500 External Printer <i>External Printer</i>	530651	\$1,950.00	
LTL-XL <i>Measures nighttime visibility(RL) and daytime visibility(QD) of pavement markings</i>	530191-XL	\$24,900.00	Nighttime(RL) and Daytime(QD), built in GPS, adjustable telescopic handle, built in printer.
LTL-MARK II <i>Measures nighttime visibility(RL) only</i>	530201	\$19,475.00	Nighttime(RL), built in GPS, adjustable telescopic handle, built in printer.

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Item Description	Item Number	Unit Price	Features
LTL-M <i>Measures nighttime visibility of pavement markings at normal traffic speeds</i>	530191-M	Contact for Price	Contact LTL-M Specialist for features
Marking Thickness Gauge <i>Measures the thickness of pavement markings dry after application</i>	530339	\$2,200.00	Measures markings within the measurement range of -0.5 inch to +0.5 inch (-12.7 mm to +12.7 mm)/
Marking Thickness Gauge Road Marking Control Kit <i>Tools for marking thickness test</i>	530635	\$1,000.00	Kit contains: Wet Film Comb, Insertion Thermometer, Electronic Weight, Illuminated Microscope, Magnifying Glass and Folding Ruler.
Marking Thickness Gauge with Road Marking Control Kit	530634	\$3,200.00	This includes Marking Thickness Gauge and Control Kit

Accessories

Item Description	Item Number	Unit Price	Features
Spare battery LTL-3000 only	530562	\$290.00	Professional standard removable Bosch battery
Spare battery LTL-3500 only	530652	\$290.00	Professional standard removable Bosch battery
LTL-X Mark II Battery	5301301	\$256.00	Rechargeable 12V, 4.5Ah high power battery
12 VDC Converter	530139	\$96.80	Converts 12V to 110 VAC, 140 watt
LTL-X Battery	5301300	\$232.85	Rechargeable 12V, 2100mAh high power battery
DELTA Instrument Annual Maintenance Inspection Program	LTL-X Mark II	\$500.00	Complete examination of instrument, accessories, testing, cleaning and calibration
	LTL-X	\$500.00	
	LTL XL	\$600.00	
	LTL-3000 R	TBD	
	LTL-3000 RQ	TBD	
	LTL-3500 R	TBD	
	LTL-3500 R	TBD	

TERMS AND CONDITIONS OF SALE

Warranty This equipment is warranted against defects in the material and workmanship for a period of two (2) years from the date of delivery. During this warranty period, Ennis-Flint or Delta will, at Delta's option, repair or replace any defective product or part. Defects resulting from inadequate maintenance, unauthorized repair or modification, misuse, improper storage and normal wear and tear shall not be covered under this warranty.

Normal wear and tear items include, but are not limited to, batteries and lamps unless it is established that the performance of these parts is not according to the product specifications. No other warranty is expressed or implied. Ennis-Flint specifically disclaims any implied warranty or merchantability and fitness for a particular purpose. Ennis-Flint shall not be liable for any direct, indirect, special, incidental or consequential damages resulting from any material or workmanship defects.

Payment Ennis-Flint's prices are calculated on a "cash with order" basis. Therefore, all orders are COD unless credit is already established by an acknowledged credit application. Terms on established credit accounts are net on presentation. Balances unpaid after 30 days from invoice are subject to a service charge of 1.5% per month or maximum allowed by law, if different, together with expenses incidental to collection, including specifically set forth reasonable attorneys' fee of 20% of unpaid balance.

Taxes The price of the products specified herein excludes any federal, state, or local taxes. The Buyer is responsible for any federal, state or local taxes that apply. The Buyer agrees to reimburse Ennis-Flint for any taxes that might be ultimately obligated to be paid as a result of this sale which normally would have been collected at the time of sale.

Important Notice Should a product prove to be defective or unsuitable in any way, it is understood that the Ennis-Flint's and Delta's limit of liability for all damages, including but not limited to, direct, incidental or consequential injury, loss or damage arising out of the use of or the inability to use the product, shall be to repair the defective product or to provide an equivalent quantity of replacement product. Before using, the Buyer shall determine the suitability of the product for his or her intended use and the Buyer assumes all risk and liability whatsoever in connection therewith.

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