Non-Contact, Continuous Level and Positioning **Using LASER Measurement Beyond the Point** Where Other Technologies Stop.

Light Years Ahead

in Level Detection Transmitters for Solids

MAJOR LASER APPLICATION ADVANTAGES

- · Non-Contact. Continuous Measurement
- Does Not Depend on Air Temperature, Pressure,
- Lasers are Not Affected by Dielectric Constant
- Narrow Beam Ensures Accurate Measurement
- Measure Great Distances Up to 1300 ft (450 m) for Positioning Applications
- Optional High Temperature/High Pressure Sight Glass for Continuous Measurement in
- Over 10,000 Installations Worldwide

Typical Laser Applications

INVENTORY IN SILOS COAL, WOOD CHIPS, AGGREGATE)

BLENDING HOPPERS (GRANULAR PLASTICS)

REACTOR VESSELS

POSITIONING (OVERHEAD CRANES TRIPPER CARS)

VOLUMETRIC MEASUREMENT (STOCK PILES, SILOS, BELT

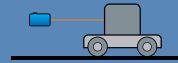
VARIOUS DRY BULK SOLIDS AND OPAQUE LIQUIDS IN SILOS



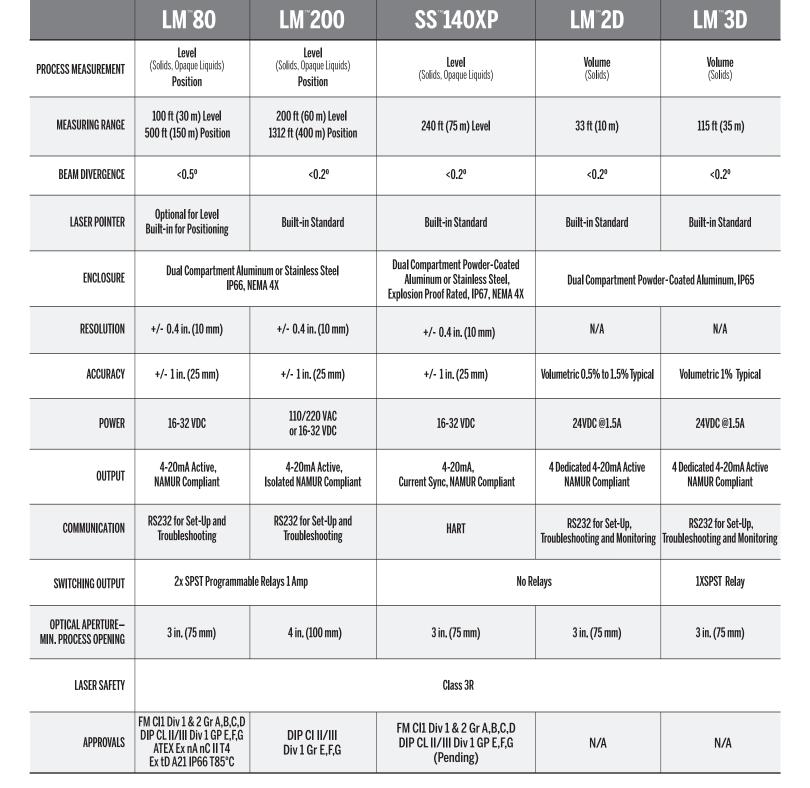








Tripper Car Positioning

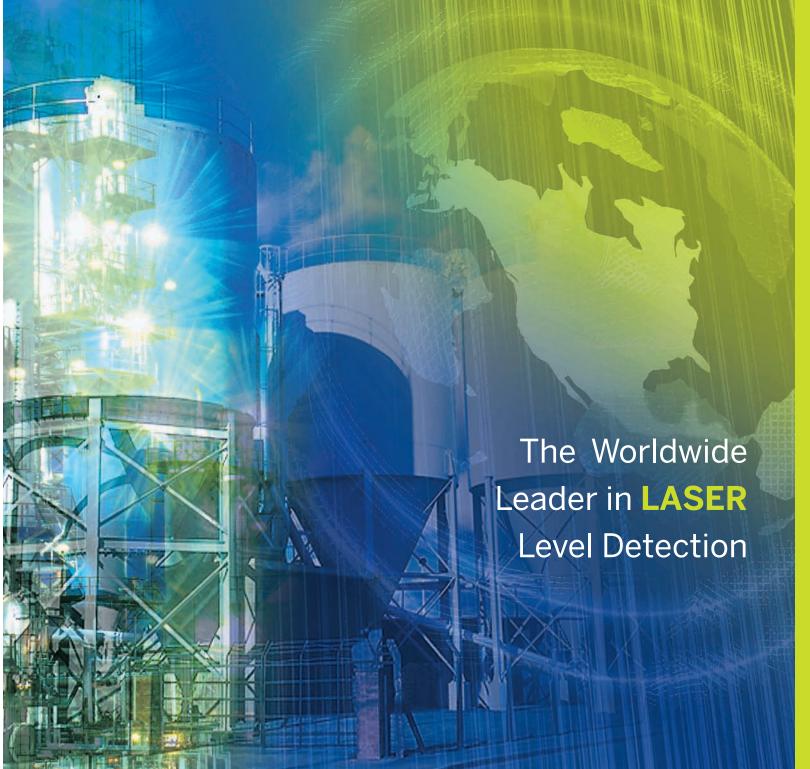


REPRESENTED LOCALLY BY:



18321 Swamp Rd. • Prairieville, LA 70769 225.673.6100 • TOLL FREE: 800-735-5835 FAX: 225.673.2525 • sales@ktekcorp.com

www.ktekcorp.com



K-TEK is a leading global manufacturer of state-of the-art instrumentation for liquid and bulk solids level detection. The company applications as oil and gas production, chemical processing, pulp and pape processing, mining and construction, food and beverage manufacturing and power generation. K-TEK operates offices. service locations, and research and developmen facilities around the world

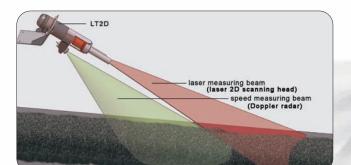
K-TEK focuses its extensive engineering, manufacturing and applications expertise exclusively in the area of level measurement. Year after year, the company pushes the leading edge of techno-logical innovation With it's consistent commitment to R&D, it boasts one of the largest investment per revenue ratio of any level company

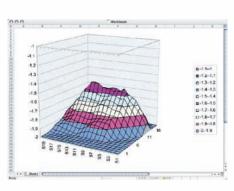
K-TEK is also committed to the highest degree of product quality and customer service, which is exemplified in the solutions oriented approach that is taken with each individua customer. K-TEK is set apart from the competition by its ability to design and manufacture equipment for some of the toughest industry applications. With the introduction of LaserMeter™80, the first low-cost, all digital design laser level and distance transmitter, K-TEK is assured to continue its advanceme over the

LaserMeter 2D

Conveyer Belt Scanner

- Belt Scale Replacement Alternative
- Non-Contact Conveyor Volume and Speed
- Simple Installation During Conveyor Operation
- Totalizer Functionality for Real Time Throughput Mass Calculation
- Integral Non-Contact Belt Speed Sensor
- Integral Laser Pointer for Alignment





Sampling of Graphic Output from LaserTrak™3D

Volumetric Measurements Silos and Stock Piles

- Diagonal Measuring Range: 5 ft (1.5 m) to 115 ft (35 m)
- Non- Contact Three Dimensional Dry Bulk Material Profiling in Silos and Stock Piles
- Volume Measurement and Mass Calculation
- Easy Installation and Set-Up
- Rugged and Robust Housing
- Laser Pointer for Alignment
- Integral Dust Tubes

INDUSTRIES SERVED

PLASTICS • FOOD and BEVERAGE • CHEMICAL • POWER GENERATION PHARMACEUTICAL • MINING • STONE, SAND and GRAVEL • PULP and PAPER



LaserMeter[™]80

Intermediate Range Laser Transmitter

- Long Range Up to 100 ft (30 m) - Level Up to 500 ft (150 m) – Positioning
- No Beam Divergence = No False Echoes
- Measures Any Surface at Any Angle with Narrow Beam
- Rugged Enclosure with Built-In Flange for Easy Installation
- Ideal for Plastic Pellets. Grain Silos, Indoor Positioning
- Optional Heated Glass to Eliminate Condensation Build-Up on Optics

Hand-Held Programmer Plugs Directly into the LM™80 and LM™200 Laser Transmitters

Stainless Steel Dust Tube-Also Available with an **Electropolished Finsh for** Sanitary Applications

LaserMeter 200

High Performance Long Range Laser Transmitter

- Very Long Range Up to 200 ft (60 m) – Level Up to 1310 ft (450 m) – Positioning
- No Beam Divergence = No False Echoes
- Measures Any Surface at Any Angle with Narrow Beam
- Built-In Pointer for Accurate Aiming
- Ideal for Coal, Grain Silos. Long Range Outdoor Positioning





Explosion Proof, Smart Laser Transmitter

- Range 240 ft (75m)
- No Beam Divergence = No False Echoes
- Measures Any Surface at Any Angle with Narrow Beam
- Explosion Proof Rated
- HART Communications Protocol



DISTANCE 17.3 mA





SureShot™140XP









