



TOTAL LEVEL NEWS



The Direction In Level Detection

Summer Edition 1

June 2007

Light Years Ahead

in level detection transmitters for solids.



LM80

Intermediate Range Laser Transmitter

- ◆ Long Range - up to 100 ft. (30 m)
- ◆ No beam divergence = no false echoes
- ◆ Measure 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 buildup on optics



LM200

High Performance, Long Range Laser Transmitter

- ◆ Very long Range - up to 200 ft. (60 m)
- ◆ No beam divergence = no false echoes
- ◆ Measure surface at any angle with narrow beam
- ◆ Built-in Pointer for accurate aiming
- ◆ Ideal for coal, grain silos, long range outdoor positioning

LASER APPLICATIONS

- ◆ Level of Solids In Silos and Bins
 - Plastics
 - Coal
 - Grain
 - Aggregates, Ore
 - Powders
- ◆ Level in Reactor Vessels
- ◆ Machinery Positioning
- ◆ Level of Opaque Liquids in Tanks



Hand-held programmer plugs directly into any of the laser transmitters.

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- ◆ LM80 Laser Measures Rising Sea Water Levels In Venice
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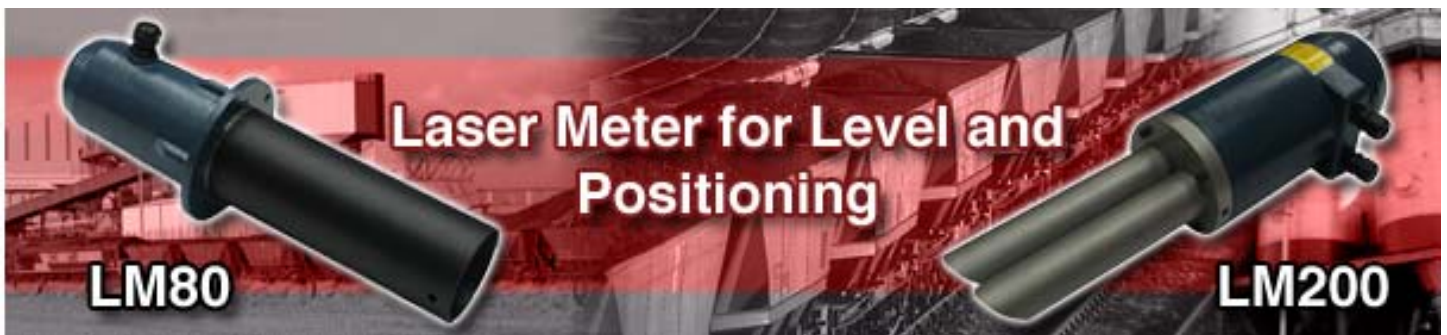
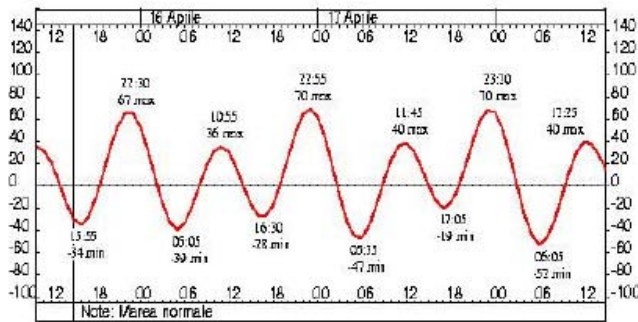
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LM80 Laser Measures Rising Sea Water Levels In Venice



Rising sea water is a very serious problem and causes periodic flooding for Venice, Italy. This usually occurs in the winter when the Adriatic Sea rises because of the lunar phases or the strong southeast wind, and the town is flooded. This flooding process can be very problematic and dangerous for the basements of old buildings.

A very strict and accurate monitoring of both sea level and the wave's height is mandatory to alert the safety control office so that they can organize the relevant defensive strategies. The authority in charge is named "Centro Comunale per il controllo delle mare" and they have 28 check points where the sea level is monitored by a float mechanism that is moving a switched gear and generating an alarm. When a local K-TEK rep approached the company, they were testing an ultrasonic level meter that was not giving good results in terms of accuracy and reliability. The first approach was a live demo of the LM80 that worked immediately. The LM80 was purchased and successfully installed. This Laser (with heated lenses) will now provide reliable and accurate continuous monitoring of the sea level.



Find a local
K-TEK Representative
Click Here

