



New Laser Station Leica TDR6000
Top performance for the industry

Leica
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METROLOGY

Leica TDRA6000 Metrology top performer



Perfection – the Leica Geosystems standard

There are many companies that build total stations for surveying, but Leica Geosystems has been making industrial grade total stations longer than anyone. After spending the last 20 years perfecting them for use in industrial environments, the latest Leica Geosystems Laser Station incorporates everything that we have learned along the way. Coming soon: the Leica TDRA6000.

Industrial grade speed

The all new Leica Geosystems proprietary direct drive technology has been designed from the ground up for this new sensor. Based on piezo technology, these new direct drives enable high speed motorization and acceleration, at up to 4x our previous generation, but still allow sub micron level fine positioning. This revolutionary piezo technology has very low power consumption and because there are no gears, the drives require almost no maintenance, and are near silent!

Industrial grade tracking

Utilizing the 4th generation Automatic Target Recognition (ATR) technology, and optimized for use within 300 meters with metrology reflectors, the new Laser Station TDRA6000 has the best tracking performance in its class. Combined with the world famous Leica Geosystems PowerSearch module, worrying about target tracking is a thing of the past.

Industrial grade measurements

With a typical 3D point uncertainty of 0.25 mm at 35 meters, the new Laser Station TDRA6000 is the most accurate total station ever designed for industrial use. It has the ability to automatically target both CCR and Tape targets and even measure without targets with a typical reflectorless accuracy of 1 mm, when combined with a metrology SW package like DCPO5 or Microlog, the Leica TDRA6000 is a metrology top performer.



ATR
Automated Target Recognition



300m
Targetless Measurement



Bluetooth
Wireless Communications

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