

## ????????????? ?????? KOLIDA CTS-662



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#### TEMPERATURE & PRESSURE SENSORS

Temperature and pressure changes have a negative impact on the accuracy of distance measurements. The Smart T-P Sensor automatically monitors the changes and adjusts the distance calculations.

#### BLUETOOTH

An external controllers can be linked to total station, through the Bluetooth™ wireless connection.

#### TRIGGER KEY

The trigger key on the side of the instrument allows users to start the measurement without moving sightline away from telescope. It avoids vibration on keyboard and increases measurement precision.

In winter it is difficult to use a gloved hand to push small buttons on total station keyboard. In this situation, trigger key is much more convenient than keyboard button.

#### LONG DISTANCE MEASUREMENT

Thanks to the high efficiency EDM, 662 features long distance measurements: 600/1000m in reflectorless mode and up to 3500-4000m using a single prism, with millimeter accuracy.

#### FAST, ACCURATE, RELIABLE EDM

The fastest distance measuring speed is down to 0.1 to 0.3 second, with 2mm accuracy, makes any job extremely cost effective and reliable.

LARGE MEMORY EASY DATA MANAGEMENT

The 98Mb internal memory is able to store 833,000 data blocks, the SD card up to 8 Gb can store a huge amount of data. Users don't need to worry about memory space.

RUGGED, DURABLE.

IP55 dustproof/waterproof rating ensures 662's high reliability in all weather conditions and allows working even under very humid conditions and where sand and dust are present.

The high performance telescope, features 30X magnification and illuminated reticle, provide the best sighting quality in any lighting condition.

| Distance Measurement                                                             |                                                       |                                                         |
|----------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------|
| Measurement Range1 prism:<br>3500~4000m3 prism: 5000mReflectorless:<br>600~1000m | Accuracy                                              | Measuring TimePrism: 0.2~<br>1.3sReflectorless: 0.5~3 s |
|                                                                                  | Prism: ±(2+2ppm× D)mmReflectorless:<br>±(3+2ppm× D)mm |                                                         |
| Atmosphere CorrectionAuto                                                        | Prism Constant CorrectionAuto                         |                                                         |

| Angle Measurement               |            |                                 |
|---------------------------------|------------|---------------------------------|
| Measurement MeAbsolute Encoding | Accuracy2" | Minimum Reading0.1° 1" optional |

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<http://www.kolidainstrument.com/product/details/id/2.html>