

## PRODUCT UPDATE

Release Date : 02 Mar 2009

### **SOKKIA Announces the release of LDT520 Laser Digital Theodolite**

SOKKIA proudly announces the release of LDT520, a new 5" digital theodolite equipped with a telescope with laser beam emission capability. Representing a significant evolution over the previous model LDT50, the LDT520 boasts the world's longest laser range, class-topping dust and water protection, and a continuous operation time over 2.5 times that of its predecessor.

#### **Major improvements over the previous model**

- World's longest laser range
- Dust and water protection at the top of its class
- Absolute encoders
- Longer battery life
- Operable in tighter spaces

#### **Unique feature of the SOKKIA laser digital theodolite**

##### **Emits both focused and parallel beams**

- When the focused beam is used, the diameter of the beam spot is smallest at the point of focus of the telescope.
- When the parallel beam is used, the beam diameter remains constant at any distance, making the unit ideal for directional control in tunnel excavations.
- The parallel beam can be focused by simply adjusting the telescope focusing ring to the ▼ mark. No external accessories are required.

#### **Major applications**

- Directional control in tunnel excavations using NATM or Shield Machines (using a parallel beam)
- Precise alignment and positioning in construction projects (using a focused beam)

Website link : <http://www.sokkia.com.sg/index.asp?top=products&L1=ELECTRONIC+DIGITAL+THEODOLITE&L2=LDT520>

