Understanding construction demands outstanding solutions:
- Custom-built
- Complete
- Straightforward
- High performance

When it has to be right.

Leica Geosystems intelligent CONstruction.

Whether you construct buildings, roads, bridges or tunnels, you benefit from intelligent CONstruction. Leica iCON is more than a new product line or software package. It enables you to enhance your performance, and increase your profitability through perfecting your construction workflow.

With Leica iCON builder 60, construction layout was never more professional. The intuitive user interface paired with the highest quality manual total station perfects any job.

- Industry leading layout software
- Best-in-class measurement technology
- High return on investment

Leica Geosystems AG
leica-geosystems.com

Swiss Technology by Leica Geosystems

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**Applications**

- **Software**: Leica iCON builder 60 can be used for one-person station for checks, such as tie distances, clearance or for checks, such as tie lines.
- **Hardware**: Leica iCON builder 60 is lightweight and versatile for multiple applications.
- **Versatility**: Leica iCON builder 60 is suitable for different tasks such as layout points, stakeout, and as-built tasks.

**Technical Specifications**

**Leica iCON builder 60**

- **Accuracy (Distance)**: ±4 mm + 1 ppm (at 100 m, atmospheric conditions)
- **Range**:
  - Distance Measurement (Prism): 5 m – 150 m
  - Distance Measurement (Any Surface): 5 m – 150 m
- **Compensator**: Setting accuracy 0.5”/1.5”/2”
- **Display**: Resolution 1” / 0.1 mgon
- **Angle Measurement (Hz, V)**: Accuracy 1” 2” (0.6 mgon) / 5” (1.5 mgon) / 9” (2.8 mgon)
- **Operating System & Processor**: Windows CE 6.0, Freescale i.MX31 533 MHz ARM Core
- **Keyboard**: 22 keys (4 function keys, 12 alphanumeric keys), illumination, 10 brightness levels
- **Telescope**: Magnification 30 x, Field of View 1° 30’ (1.66 gon)
- **Focusing Range**: 1.7 m to infinity
- **Resolving Power**: 3”
- **Magnification**: 30 x
- **Telecenter**: Positioning accuracy 5 cm at 100 m (average atmospheric conditions)
- **Working Range**: 5 m – 150 m
- **Field of View**: 1° 30’ (1.66 gon)
- **Input & Output**: USB Type A and mini B, – Bluetooth® Wireless, class 1
- **Operating System**: Windows CE 6.0
- **Type**: Type Laser point
- **Processor**: Freescale i.MX31 533 MHz ARM Core
- **Operating System**: Windows CE 6.0
- **Type Lithium-Ion**: Battery is not new.
- **Weight**: 5.8 kg
- **Dimensions**: 229 x 229 x 249 mm

**Delivery Contents**

- **Leica iCON builder 60 Start Kit**
  - Leica iCON builder 60, Tribrach, TrueZero mini prism, Mini reflector pole set, Charger, Leica iCON builder 60, Tribrach, TrueZero mini prism, Mini reflector pole set, Charger, 2x Li-Ion Batteries, Industrial grade 1GB USB stick, USB to mini-USB cable, Service, Carrying Case, Documentation, Carry Case
- **Leica iCON GPS 60**
  - Leica iCON GPS 60: High-precision, high-robust, precision-grade total station series for routine construction tasks on site.

**Legend**

- Standard deviation ISO 17123-3.
- Standard deviation ISO 17123-4.
- Range: 500 m (1640 ft).
- Under optimal conditions on Kodak Grey Card (90% reflective). Maximum range varies with atmospheric conditions, target reflectivity and surface characteristics.
- Single-Measurement every 30 seconds at 20°C. Battery time may be shorter if continuous operation.
- Reflectance measurement time may vary according to measuring objects, observation situations and environmental conditions.