

DT20 Series Digital Theodolites



Sokkia is releasing a new digital theodolite series, the DT220, DT520, DT520A and DT620, with as a main distinguishing feature an improved power-saving technology. The DT620, recently set a world record for continuous operating time of 220 hours.

The DTx20 series digital theodolites maintain the characteristics of previous DTx10 models, such as the industry's highest IP66 dust- and water-protection rating, advanced absolute rotary encoders that ensure long-term reliability, as well as user-friendly operation.

Other improvements, compared to the ancestors, are doubled operating time: model DT620 achieves an operating time of 220 hours with two R14 alkaline batteries. The devices also have a new angle calibration technology, facilitating to reduce the number of angle detectors from two to one without compromising measurement precision. It also reduces power consumption.

The user interface has an enlarged LCD display and a new menu key facilitates all instrument settings.