Featuring 0.5” angle accuracy and sub-millimeter EDM, the NETO5X 3D Station offers the highest precision in its class in a broad range of applications.

Engineering and Construction
- Setting out with maximum precision
- On-site positioning of framework members
- Periodic measurement of tunnel convergence to ensure safety

Industrial Measurement
- Measures dimensions and geometry with sub-millimeter accuracy
- Easy-to-set-up mobile system provides maximum convenience in large object measurement from multiple positions

Surveying
- NETO5X provides the highest precision in its class for all kinds of surveying, from control point survey to long baseline measurement
Equipped with a variety of innovative features, the NET05X provides ideal solutions for the most demanding surveying and measurement tasks that require the highest in precision.

0.5" Angle Accuracy
- The combination of market-proven absolute rotary encoders and advanced Independent Angle Calibration System (IACS) provides the industry’s highest angle accuracy.

Sub-millimeter EDM
- SOKKIA’s cutting-edge distance measurement technology ensures unmatched comprehensive performance.
- "0.5mm+1ppm" accuracy with reflective sheet targets in the range of 200m (650ft.).
- "0.8mm+1ppm" with a standard prism up to 3,500m (11,480ft.).
- "1mm+1ppm" precision without reflector up to 100m (320ft.).
- Measurement time is as fast as 2.4 seconds in "fine" mode.

Target Illumination
- Prisms or sheet targets can be easily located in dim lighting conditions using the high-intensity white LED built into the telescope.

Superior Telescope
- The superior telescope boasts 2.5" high resolving power as well as unparalleled brightness and sharpness.

Perfectly Aligned Laser Pointer
- Red EDM beam works as a laser pointer.
- The perfectly aligned laser can be used for precise setting out and alignment tasks indoor or underground conditions.

Advanced User-Interface with Windows CE
- A highly visible touch screen display and a fully illuminated keyboard allow easy operation in tunnels, at night, and in low-light conditions.
- An optional Remote Trigger DCL1 enables wireless operation.

IP65 Environmental Protection
- The NET05X boasts a robust IP65 dust- and water-resistant body.
- Weatherproof multi-port maintains IP65 protection even when connected to a data cable or an external battery.

Bluetooth® Wireless Communication
- Built-in Class 1 Bluetooth® modem allows wireless communication with an external controller or PC to a range of 200m (650ft.).

Wide Variety of Reflectors
- SOKKIA’s full line of innovative reflectors maximizes the measurement accuracy and efficiency.