



MiniProf ^{BT}

Switch & Crossings

The MiniProf Switch & Crossing system is a full contact measuring system with Bluetooth connectivity. It provides fast and highly accurate cross-sectional profiles of switches and crossings. The instrument extends to the opposite rail through a fixed rod, offering stability, gauge and track relative measurements. Precise information on the physical placement of the multiple rails is provided instantly and is stored by the accompanying Envision software for onsite and post measurement analysis.

TECHNICAL DATA

Technology:

Full contact technology. A magnetic knife-shaped probe wheel ensures direct contact to the true profile during the complete measuring process.

Product ID:

MP-270

Profile accuracy:

Better than: $\pm 11,0 \mu\text{m}$
 Repeatability: $\pm 2,5 \mu\text{m}$
 Gauge: $\leq 200 \mu\text{m}$

Measuring speed:

< 5 seconds per profile

Horizontal movement range:

300 mm (100 mm towards gauge side, 200 mm towards field side)

Displacement: $\leq 100 \mu\text{m}$

Battery life:

~ 1000 measurements or 10 hours of work

Operating temperature:

-15°C to +50°C

Weight/dimensions:

S&C unit: 6,5 kg (1769 x 184 x 171 mm)
 Transport case: 10,0 kg (740 x 300 x 270 mm)

Scope of delivery:

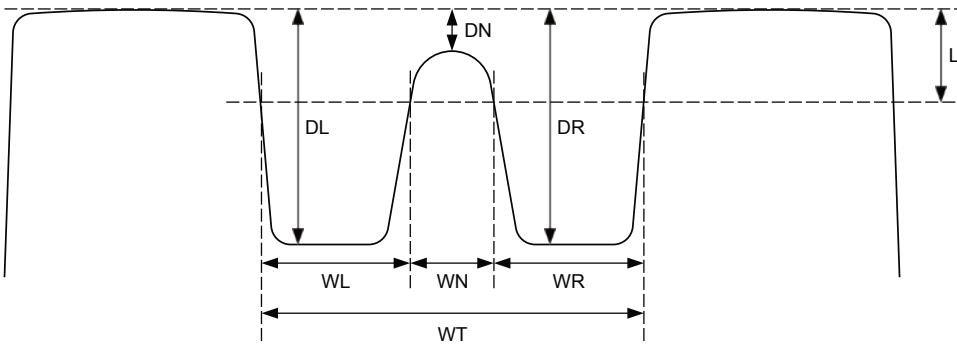
- MiniProf S&C unit
- Full Envision software package, 5 installations, free software updates. Measuring and analysis supported.
- MiniProf cable & charger
- Rugged and waterproof transport case with room for MP and accessories
- Quick guide, tutorial videos and free hotline support
- 2 years standard factory warranty with option to prolong to 5 years in total

MiniProf - Much more than a measurement!

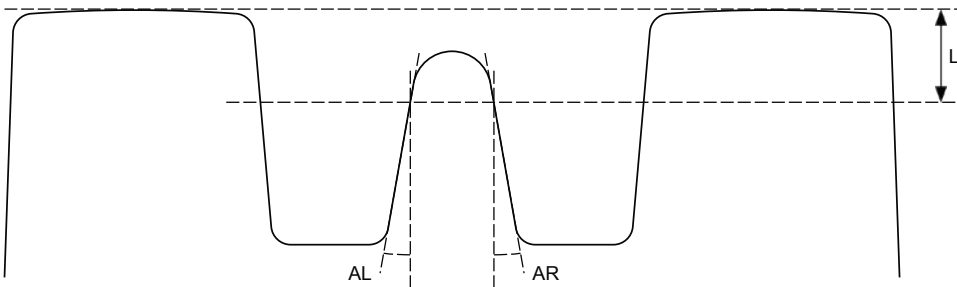
A world of data handling opportunities available in the full MiniProf Envision software package



Switch frog clearance



Switch nose angles



Switch nose angles maximum

