

**Surface roughness measuring tool, Type: SJ210****Order data**

Order number	499204 SJ210
GTIN	4946368611235
Item class	44D

Description**Version:**

Transportable cordless rail system for determining surface roughness. Gauge force 0.75 mN to DIN/ISO. Separate feed unit for measurements in very small spaces and for attachment to stands. Phase correction Gauss filter to DIN EN ISO 16610-21 (supersedes DIN EN ISO 11562). Automatic protection of the probe during transport. Auto-calibration function and integral memory for measurement conditions.

- **2.4 inch TFT colour display can be rotated electronically. Feed unit can be operated as part of the main unit or separately. Measured data and measurement conditions can be archived to micro-SD memory card.**
- **All recognised parameters to DIN EN ISO, VDA, JIS, ANSI, and freely selectable conditions.**

Supplied with:

Feed unit with contact point, mains adapter, calibration standard, and carrying case.

Optional extras:

Transmitter and probe for small bores (from 2.5 mm) No. 499210, rail for flat and cylindrical components No. 499220 size Z-KUFE, support legs (2 pieces) No. 499220 size FUSS, adapter for clamping in height gauge No. 499220 size H-ADAPT, granite measurement stand No. 499415, data cable No. 498430, printer No. 498701.

Note:

Free-of-charge analysis software, further adapters, and probes available on request.

Technical description

Cut-off (λ_c)	0.08; 0.25; 0.8; 2.5 mm
maximum measuring range	360 μm
graphic representation	Measurement profile, BAC curve, ADC curve
Roughness standards	DIN EN ISO, VDA, ANSI, JIS, MOTIF
Scanning speed	0.25; 0.5; 0.75 mm/s
Measurement travel for longitudinal sensing	16 mm
integral printer	no
Power supply	Rechargeable battery-powered
Interface	USB interface
Interface	RS232C interface
Interface	Digimatic interface
Calibration	Q2
Calibration	Q1
Type of product	Surface roughness measuring device

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/499204-SJ210>
