

**Surface roughness measuring instrument, Type: SJ220****Order data**

Order number	499205 SJ220
GTIN	4550501394482
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.

- **High-resolution 2.8-inch touchscreen with user-friendly menu guidance. 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.**
- **Contains, among other things, the new roughness standard DIN EN ISO 21920.**
- **Supports 25 languages.**

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; 8 mm
integral printer	no
Roughness standards	DIN EN ISO, VDA, ANSI, JIS, MOTIF
Power supply	Battery-powered
Measurement travel for longitudinal sensing	17.5 mm
graphic representation	Measurement profile, BAC curve, ADC curve
Scanning speed	0.25; 0.5; 0.75 mm/s
maximum measuring range	360 μm
Interface	RS232C interface
Interface	Digimatic interface
Interface	USB interface
Calibration	Q1
Calibration	Q2
Type of product	Surface roughness measuring device

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/499205-SJ220>
