Mitutoyo

Surface roughness measuring tool SJ210, Type: SJ210

Order data

Order number	499205 SJ210
GTIN	4946368848273
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.

Attention:
German version. Order free UK adapter plug No. 08 1174_GB.

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

Technical description

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

Services

CalibrationRoughness standard Type R	029220 R
CalibrationSurface roughness measuring tool Type R	029200 R

Accessories

Connecting cable Type USB2	498430 USB2
Granite stand with T-slot	499415
Optional extras Type FUSS	499220 FUSS
Optional extras Type Z-KUFE	499220 Z-KUFE
Sensor / probe head Type 6/90	499210 6/90
Optional extras Type H-ADAPT	499220 H-ADAPT

Connecting cable Type D2	498430 D2
Sensor / probe head Type 6/60	499210 6/60
Sensor / probe head Type 2,5	499210 2,5
Connecting cable Type D1	498430 D1