



Product Code . JL-SOMLE-8934

Surface Analysis System

Description

Surface Analysis System

For surface finish gaging w/ more than 60 built-in profile, roughness, and waviness parameters and analysis capabilities Surface analysis system consists of linear drive, breakaway probe, PC, color monitor w/ touch-screen control, metrology software, and dot matrix printer.

Precision linear drive:-

100 mm adjustable traverse length. Traverse speed:-

2 $\hat{\text{A}}$ ½ mm and .25 mm per sec Linear drive powered by data acquisition controller.

Breakaway probe w/ stylus arm protection and 3 interchangeable stylus tips for measuring surfaces of edges, holes, grooves, small bores, metals, ceramics, plastics, and integrated circuits Skid or skinless operation Stylus removal for access to small openings Factory preset stylus force at 200 mgf/2 mN Personal computer w/ SVGA color monitor and touch-screen control Advanced metrology software controls all surface finish gaging functions, evaluates parameters, analyzes in-depth post-process, and re-evaluates measurement results Measuring ranges:

High magnification:-

+/-12 1/2 micron

Normal magnification:-

+/-50 micron

Low magnification:-

+/-500 micron high speed, dot matrix printer 8 1/2 X 11 in page format.
