

Resource Summary Report

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Tencore: KLA P-10 Surface Profiler

RRID:SCR_020535

Type: Tool

Proper Citation

Tencore: KLA P-10 Surface Profiler (RRID:SCR_020535)

Resource Information

URL: <https://www.labx.com/item/kla-tencor-p-10-surface-profiler/LV40252132>

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Description: Computer controlled manual wafer load profilometer with Max wafer size of 8"/200mm that measures roughness, waviness, step height, and other surface characteristics. Capabilities of this instrument include: Measurement of vertical features ranging from under 100Å... (0.4 min.) to approximately 300 ?m (11 mils), with a vertical resolution of 0.5, 2, or 10Å..., A virtually unlimited number of data points per profile guarantee that the horizontal resolution is limited by the stylus radius and not by the number of data points, Measurement of many roughness and waviness parameters, with user-selectable cutoff filters to isolate roughness and waviness, Ability to fit and level a scan, allowing accurate step height measurements on curved surfaces, and the Ability to detect the edge or apex of a profile feature, allowing automated data analysis relative to the feature. The KLA P-10 to repeat a scan up to ten times and automatically calculate the average, thereby minimizing the effects of environmental noise on measurements. KLA-Tencor P10 can profile a variety of materials including: Semiconductor wafers, Thin-film heads, Precision-machined and polished surfaces, Ceramics for micro-electronics, Glass for flat panel displays, and Optical surfaces

Resource Type: instrument resource

Keywords: Tencore, Surface Profiler, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Tencore: KLA P-10 Surface Profiler

Resource ID: SCR_020535

Alternate IDs: Model_Number_P-10

Record Creation Time: 20220129T080350+0000

Record Last Update: 20260808T190155+0000

Ratings and Alerts

No rating or validation information has been found for Tencore: KLA P-10 Surface Profiler.

No alerts have been found for Tencore: KLA P-10 Surface Profiler.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.