



**Лабораторне обладнання
Реалізація
Ремонт
Модернізація
Виготовлення обладнання за ТЗ замовника**



ТОВ ВТП "АСМА-ПРИЛАД"



Projection Length Measuring Machine

JD9A

Projection 1-M Length Measuring Machine

JD21

Projection 2-M Length Measuring Machine

JD10A

Projection 3-M Length Measuring Machine

Characteristics

- High-quality cast-iron is adopted for the base, which has been undergone natural stabilizing treatment, thus guaranteeing its sufficient steady property and stability.
- Eppenstein optical principle is used to real-time correct the Abbe errors so as to guarantee the accuracy of measurement.
- A new and original projection system is adopted for the projecting readout screen, with clear and sharp images.
- The worktable can be moved, turned around and tilted in all directions, convenient for the detection of various shapes of parts.
- There is a complete range of sizes of measuring accessories provided, with wide range of uses.

Technical Parameters

Measuring range (mm)

External sizes: 0-1000 0-2000 0-3000

Internal sizes: 13.5-900 13.5-1900 13.5-2900

Depth of small and large measuring hooks: 5-50

Measurement of external thread mid-diameter: 0-140

Minimum division value: 0.001mm

Accuracy of outer size's measurement

Readout errors of division value in micrometer:

Within $\pm 60 \mu m \leq \pm 0.20 \mu m$

Beyond $\pm 60 \mu m \leq \pm 0.25 \mu m$

Readout errors of division value in millimeter:

$\leq \pm (0.6+L/200) \mu m$

Readout errors of division value in decimeter:

$\leq \pm (0.5+L/100) \mu m$, of which,

L= value measured, unit:mm

Readout transaction data of the gauging spindle

Measurement of external sizes: $\leq 0.1 \mu m$

Measurement of internal sizes: $\leq 0.5 \mu m$

Measurement of forces

Measurement of external sizes: $2N \pm 0.4N$

Measurement of internal sizes: $1.5N-2N$

Universal worktable

Vertical stroke: 0-70mm

Horizontal stroke: 0-40mm

Vertical floating stroke of horizontal position: 10mm

Division value of horizontal micro-drum: 0.01mm

Load capacity of the worktable: 10kg

Maximum diameter gripped by the tailstock (mm)

When the length between 0-170, $\phi 140$ mm

When the length between 170-210, $\phi 130$ mm

V-type support

Adjustable range of height: > 28 mm

Diameter range of the supporting member: up to $\phi 30$ mm

Support frame for the measuring block: Its length up to 1000mm

Working range of V-type iron: Maximum to $\phi 45$ mm

Requirement for the ambient environment

Room temperature: $20^\circ C \pm 1^\circ C$

Relative humidity: Not more than 60%

Overall sizes of the instrument (mm):

JD9A 1980 × 450 × 750

JD21 2980 × 450 × 800

JD10A 4000 × 450 × 850



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