



Лабораторне обладнання  
Реалізація  
Ремонт  
Модернізація  
Виготовлення обладнання за ТЗ замовника



ТОВ ВТП "АСМА-ПРИЛАД"



# JD3

## Vertical Projection Optimeter

### Characteristics

- New screen technology, attaching reading magnifier with uniform field brightness and clear image.
- High measuring accuracy, stable and reliable data, convenient and fast measurement for precision parts with small dimension.
- Well structure design, small overall dimension, convenient for transportation.
- Dual-purpose instrument, i.e. the projection optimeter glass tube can be taken off and installed on a machine tool to directly control finish size.

### Technical Parameters

**Range of measurement:** 0–180mm

#### Worktable

Circular plane worktable (D):  $\phi$  88mm

Circular ribbed worktable (D):  $\phi$  88mm

Square ribbed worktable (mm): 142 x 130

Fit outside diameter of measuring spindle and measuring cap of worktable:  $\phi$  6g6

Allowable difference of parallelism of small three-point worktable: 0.0015mm

#### Precision of instrument

Indication error:

Within 60  $\mu$  m range:  $\pm$  0.20  $\mu$  m

Over 60  $\mu$  m range:  $\pm$  0.25  $\mu$  m

Indication stability: 0.1  $\mu$  m

#### Projection optimeter tube

Graduation value of dividing plate: 0.001mm

Graduation range of dividing plate:  $\pm$  0.1mm

Measurement force : 2N  $\pm$  0.2N

Free elevating distance of measuring lever: 0.5mm

Fit outside diameter of projection optimeter tube:  $\phi$  28h6

Fit outside diameter of measuring lever and measuring cap:  $\phi$  6g6

#### Ambient environment of the instrument service

Room temperature: 20°C  $\pm$  3°C

Relative humidity: Not more than 60%

**Mainframe weight:** 21kg

**Overall sizes of the instrument (mm):** 340 x 160 x 750



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