



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



ТОВ ВТП "АСМА-ПРИЛАД"



JD25-C

Data Processing Universal Length Measurer

JD25-D

Digital Universal Length Measurer



- High-quality castings, under long-term natural aging treatment, are selected for the foundation, with fine
- Optimized square design is adopted for the spindle to assure the stability of its kinetic property under me
- Accessories with powerful and multiple functions may be selected to satisfy different requirement in measurement
- The infrared light-emitting component, with low voltage, small current, small volume and long life are adopted as the light source in the grating lighting system
- The high-precision measuring system is adopted for this instrument, which would be in conformity with the Abel Principle and with high precision in measurement
- JD25-D: The grating digital display technique is adopted, equipped with a digital display device, the measured value of length is displayed in figures, direct-viewing and convenient
- JD25-C: The powerful function of the software, can not only correct the indicated errors, but also automatically correct the measured errors caused by temperature, and the software has the function of automatically discriminating the turning point

The Universal Length Measurer, a kind of linear metrical device used for both absolute and relative measurement, is widely used in the measuring rooms of the enterprises in the engineering industry; tooling, measuring implement manufacturing industry and instrument and metering industry, etc. and also used in the professional measurement and appraisal departments at various levels.

Key measuring targets include:

smooth cylindrical parts, e.g., axes, holes, internal gauge, ring gauges, etc.; intermediate diameters between the internal screw and the external screw, e.g., the closing screw gauge, the screw ring gauge, etc.; parts with parallel planes, e.g., caliper gauge, length bar, measuring block with lower degrees, etc.

Technical Parameters

Universal Working table :

Area of installation (mm²) : 160×160
Range of height adjustment (mm) : 0-100
Transverse travel : 25mm
Y-Gradient : ±3°
Rotation of the working table : ±4°
Permissible load : 10kg
Fitting size for the measuring cap's internal diameter : Φ6H7
Size of outer diameter between the reference rod and the measuring cap's internal diameter : Φ6g5

Measuring range :

External size (mm) : Absolute measurement 0-100 Relative measurement 0-670
Internal size (mm) : While using a small measuring hook (when maximum extending-in depth up to 12, the maximum arm thickness of 50), 10-400
While using a large measuring hook (when maximum extending-in depth up to 50, the maximum arm thickness of 85), 30-370

Using a electric measuring hook (mm) : 1-60

Using a universal measuring hook (mm) : 14-112

Intermediate diameters between internal screws (mm) :

While using a small measuring hook (small screw diameter of 13-30)

While using a large measuring hook (small screw diameter of 31- (70-arm thickness) ×2)

Screw pitch : 0.5-6

Intermediate diameters between external screws (mm): maximum 200, Screw pitch : 1-6

Measuring force (N) : 0, 1.5, 2.5

Digital display equivalent : 0.0001mm

Variability of the instrument display value :

While measuring the external size, 20±0.3μm

While measuring the internal size, 20±0.5μm

JD25-C Accuracy :

While conducting absolute measurement for the external size, accuracy of the instrument: 0.5μm

(20℃±0.2℃)

While conducting measurement for the internal size, accuracy of the instrument: 1μm

JD25-D Accuracy :

While conducting absolute measurement for the external size, accuracy of the instrument:

(0.5+L/200) μm

While conducting measurement for the internal size, accuracy of the instrument : (1+L/100) μm

In the formula L representing the measured size, with its unit : mm

Overall Sizes of the Instrument (mm) : Length×Width×Height = 960×390×450

Net Weight of the Instrument : 150kg

Functions of the Software

Measuring function: Absolute and relative measurement for the external sizes; measurement for the internal sizes, hole, external and internal screw-threads.

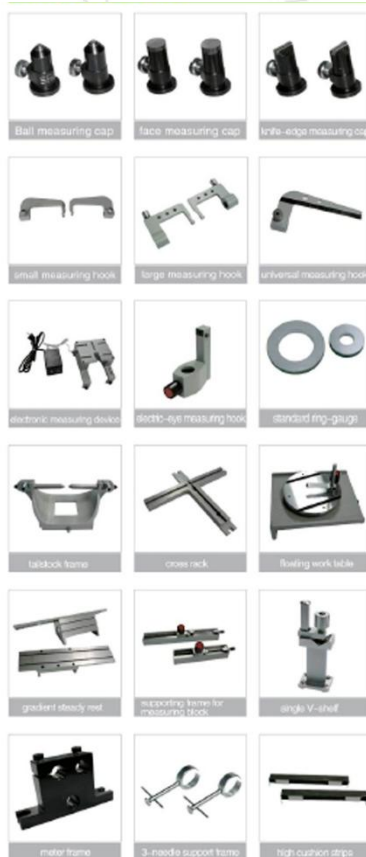
Calculation function: Calculation of the accuracy of external and internal sizes.

Data displaying: The bi-translation function from the metric system to the British system and the function of automatic identification for the turning point.

Error correction: Manual and automatic correction of temperatures (with a temperature sensor), real-time temperature display of the instrument and the workpiece.

Prompting function: Real-time prompting of the measuring operational procedures.

Output function: Output data to EXCEL, WORD, etc. to conduct data processing.



Including standard fittings and selection parts. See packing list for particulars.



ISO9001:2000 Certificate



**Тел./факс: (05236) 7-15-00,
7-08-81, 7-08-83.
Адреса: 27507,
Кіровоградська обл.,
м.Світловодськ,
вул. Чубаря, 33-6**

**E-mail: info@asma.com.ua
info@asma-pribor.ru
http://www.asma-pribor.ru
www.asma-pribor.com
www.asma.com.ua**