



- Location :
- [Home](#)
- > [Product](#)
- > [Optical detection equipment](#)
- > [Microscope](#)



Tool metallography MU300

Release date : 2020-11-13

The measuring platform made of granite and the marble gantry structure have four cushions between the marble and the base to achieve the anti-seismic effect. High precision manual grinding guide rail, maximum load-bearing workpiece weight: 50 Kg.

- 
- 
- [Details](#)

Tool metallographic microscope technical specification

MU300



1.Summary of the equipment

1.1 Optical Part:

Professional differential interference optical head is used.
Multilayer coating technology ensures clarity.
Light path and high power objective lens observation;
It is equipped with LED surface light and bottom light.

1.2 Host part:

The measuring platform made of granite and the marble gantry structure have four cushions between the marble and the base to achieve the anti-seismic effect. High precision manual grinding guide rail, maximum load-bearing workpiece weight: 50 Kg.t

Measuring Range:

X-axis: 150 mm

Y-axis: 100 mm

Z-axis: 150 mm

X/Y measurement accuracy $1.5\mu\text{m}+L/150$, Z axis measurement accuracy $1.0\mu\text{m}+L/150$

The whole machine runs without water and gas and requires 220V voltage.

2. Hardware description

Instrument Main Body

Marble base, column, work table

Transmission System

Precision Grinding of C3 ball screw

Sport Guide

Guide of silver

Optical calibrator

Special custom

Monitor

21.5 " liquid crystal display 21.5"

Keyboard / mouse

Optoelectronic package

Instrument table

Customized

Dust cover
Customized

User 's Manual
Sharpscope 3D special Sharpscope

3.Equipment configuration list:

The basic configuration				
1	MU-300 Coarse and Precise Focus Unit	1	Set of	
2	150x100mm Precise Stsge	1	individual	
3	U-Bracket Mount LV	1	individual	
4	LV-TI 3 Trinocular Eyepiece Tube	1	Set of	
5	Quadruple Nosepiece,For 5 sets of Objectives	1	Set of	
6	Eyepiece CFI 10x	1	pair	
7	5W LED Point Ligte built-inTransformer for piscopic Illumination 5W	2	individual	
8	F-P Simple Polarizign Unit (For Episcopic Illumination)	1	Set of	

9	DIC Prism	1	Set of	
10	Power Supply (220V)	1	indi vidu al	
11	.Photo Adapter	1	indi vidu al	
12	Axle counter	1	indi vidu al	
13	DS-Vil Color Camera Head 2 megapixel HD CCD	1	indi vidu al	
14	Measuring software measures accuracy 0.1um	1	Set of	
15	M Plan Apo HL 5X	1	indi vidu al	
16	M Plan Apo HL 10X	1	indi vidu al	
17	M Plan Apo HL 20X	1	indi vidu al	
18	M Plan Apo HL 50X	1	indi vidu al	

19	21.5 "HD display	1	platform	
20	DS Camera I/F Cable 20-26	1	root	
21	USB A TO B CABLE US	1	root	
22	POWER CORD	3	root	

三. Other spare parts

1. Dust-proof cover 1 piece
2. Software Instructions 1
3. User Manual 1

4. Environmental requirements

(1) The working table for the instrument should be firm, reliable and not shake (provided by the supplier);

(2) The location should be far away from all kinds of seismic sources (the location will not affect, the machine itself has shock pads, as long as it is not near the source with obvious earthquake

(3) The ambient temperature is maintained at 20 ~25 C, and the relative humidity is less than 75%.

(4) Placement environment should be superior to the International Class 8 Dustproof Room Standard. ;

(5) 供 The power supply must have grounding protection with resistance less than 4 ;

(6) The equipment needs to be connected to 220V+10%(AC) 50Hz equipment, which has no requirement for water and gas.。

5. Handling and Installation Measures

(1) We are responsible for transporting the equipment to the designated place of the customer and carrying out installation and debugging. Customers are responsible for providing necessary installation and handling requirements. For example: floor fork, electric forklift, assistant, etc. ;

(2) Operations shall be carried out in strict accordance with the requirements of our technicians. In case of equipment damage caused by irregular operations (not included in the replacement parts), the company shall be responsible for maintenance, but shall not bear any responsibility ;

- (3) Our technicians will adjust the level of instruments, install and debug software, install various video cards and install encrypted dogs during the installation process ;
- (4) Our technicians will correct X-axis, Y-axis and Z-axis after installation, and then finish installation ;
- (5) After the installation of the equipment is completed, the platform shall not be moved at will without notice to us.。

6. Training Program and Service Guarantee

(1) Training content

Understand the hardware names and functions of the equipment ;

Notes for routine use ;

Software function and operation ;

Solutions to common problems.

(2) After-sales service

- ① Free upgrade of the same version software within three years ;
- ② The equipment is guaranteed for 12 months, and the maintenance of spare parts without replacement is free for 12 months ;
- ③ Any questions about the equipment will be answered within 2 hours after receiving calls from customers and will arrive at the scene within 24 hours when the calls cannot be solved.
- ④ If there is a change in your company's users, we will conduct new operation training free of charge.

7. Duties of both Sellers and Buyers

(1) We are responsible for the transportation, installation and commissioning of the equipment; the buyer is responsible for forklift trucks and other devices necessary for the equipment to be moved in ;

(2) We are responsible for the use of equipment and training of common problem solving; the buyer is responsible for arranging and restraining the use of personnel to listen carefully ;

(3) We are responsible for after-sales service and question answering, and the buyer is responsible for restraining users from illegal operations ;

(4) We are responsible for free software upgrade within three years (with version updates).

8. Confirmation of patent authority

If patent infringement occurs, Maker accepts full liability for any direct and indirect loss of customer. Additionally, in case of patent dispute, Maker guarantees continuous use (operation) of the system equipment provided by Maker.

Recommended

-



Automatic tool metallographic measuring instrument V400

-



Automatic tool metallographic measuring instrument V800

•

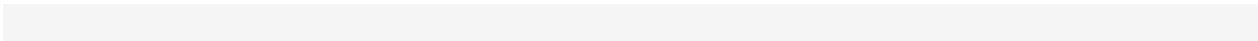


Automatic tool metallographic measuring instrument V1800

•



Automatic tool metallographic measuring instrument V2000



GUANGDONG JINUOSH TECHNOLOGY CO., LTD

Building 28, Guanghui Industrial Zone, Dongke Road, Dongcheng District, Dongguan City,
Guangdong Province 0769-2282-0867

•

•

•

•

•

GUANGDONG JINUOSH TECHNOLOGY CO., LTD All rights reserved Company address: Building 28,
Guanghui Industrial Zone, Dongke Road, Dongcheng District, Dongguan City, Guangdong
Province Service Hotline: 188-9871-9887 · 0769-22820867