



IG-300L CNC internal grinding machine

High precision, formed in a single process



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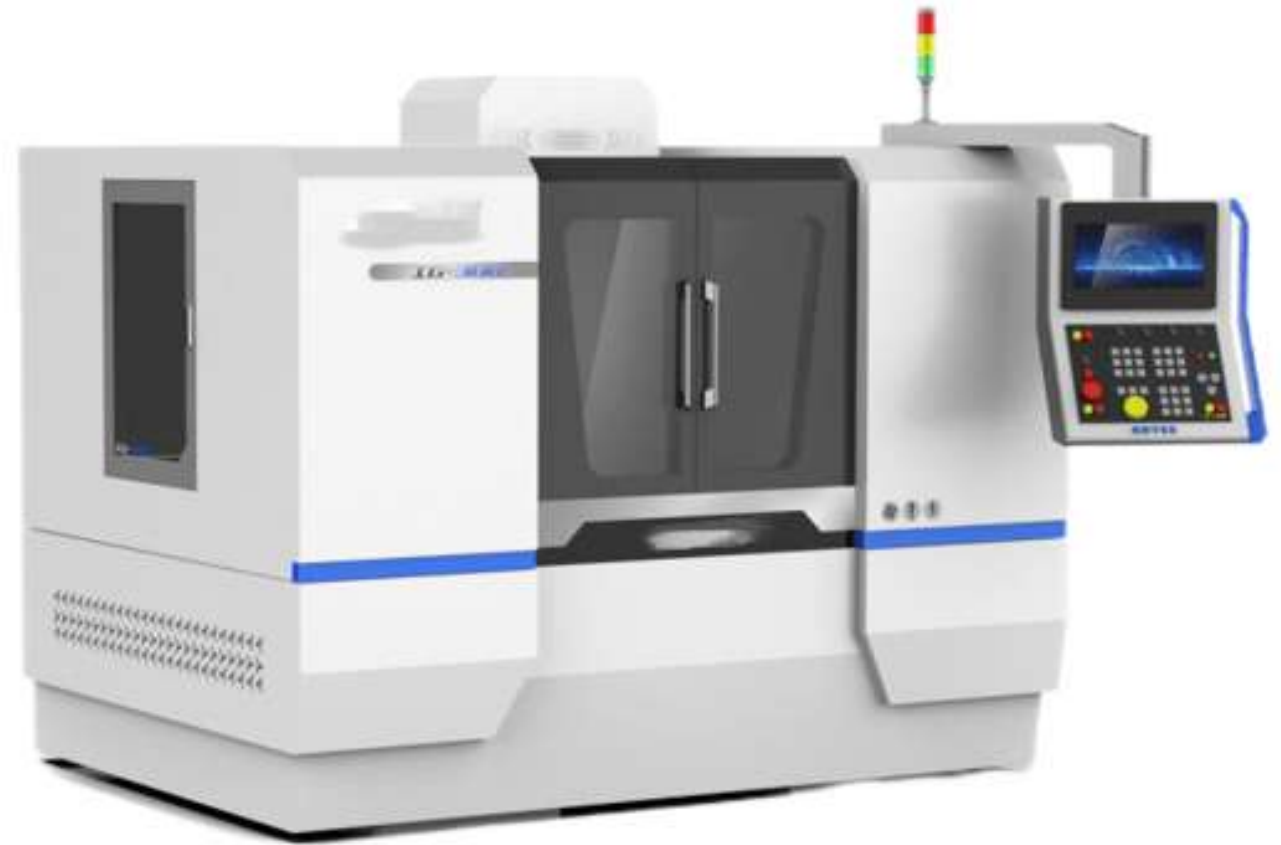
1. Equipment Introduction

- Leynake Control System
- Japanese THK high-precision ball screws and guide rails
- High-speed electric spindle
- High-precision DD rotary table
- Marble bed, machine tool constant temperature control
- High-precision industrial probe
- Heidenhain grating ruler
- Sodick linear motor
- Manual/automatic tool change
- Online grinding wheel dressing device



2.Main Features

- Full Closed-Loop Control
- Enables Inner Bore · Taper · Arc
- Single-Pass Forming
- Key Features:
 - 1) Precision Machining: Simultaneous control of inner diameter, taper angle, and arc profile.
 - 2) Zero Intermediate Handling: Eliminates repositioning errors.



2.Main Features

IG-300L CNC Internal Grinding Machine

Processing Accuracy:

- Angle Grinding: <5 arcminutes (rotary table accuracy: 5 arcseconds)
- Arc Grinding: ± 0.02 mm
- Internal Diameter Grinding: ± 0.002 mm

➤ Note:

Suitable for tungsten carbide (WC) tooling and high-precision bore machining.

Processing video

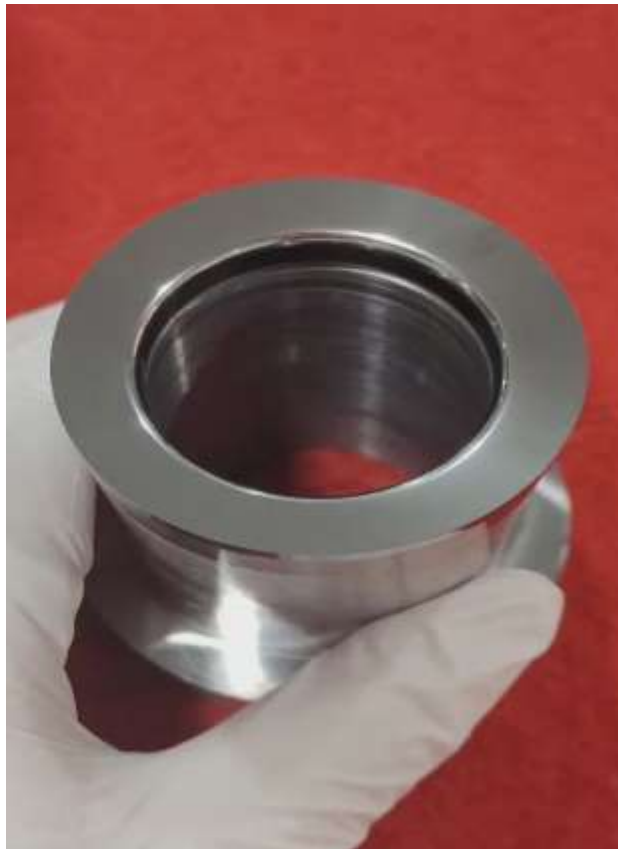


2.Main Features

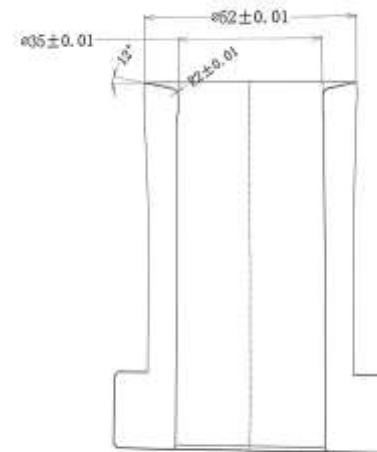
Processing video



Display of unprocessed products



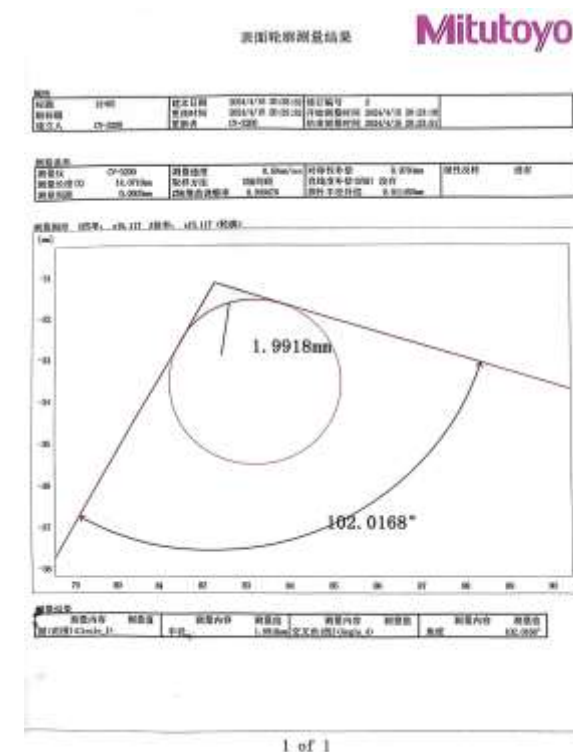
Precision Processing Product Display



Contour
instrument
inspection



Product
Inspection
Report



Product Inspection Report

3. Advantages

- High Precision
- Automated Equipment
- One Operator, Multiple Machines
- 0.5 Micron-Level Accuracy
- 0.1 Micron Grinding Capability



4. Product Display





Thank you

HYW: Expert in Tungsten Powder Equipment
Manufacturing

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