

## Product description

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### LCD Display Digital Readout (dro) Systems

The i500 series LCD digital readout system is digital readout unit with 2 or 3 axis which is the latest development of the UNIMETRO DRO series. It provides inactive graphic displays, and step by step operation graphical guidance for all functions, which makes the i500 series digital readout system extremely user friendly. The design philosophy of the i500 series is to be easy to use which allows users implement all the powerful function within few minutes immediately after switching on the i500, which can be used with the lathe, milling machine, etc.



### Leading Features

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- ★ Linear and non-linear compensation function included.
- ★ Full function for Milling, Lathe, Grinding, Wire cut etc.
- ★ In the lathe mode spindle constant speed control function included.
- ★ In Grinding mode vibration eliminating function is included. During the grinding process the DRO reading will change rapidly, which is uncomfortable for the users.

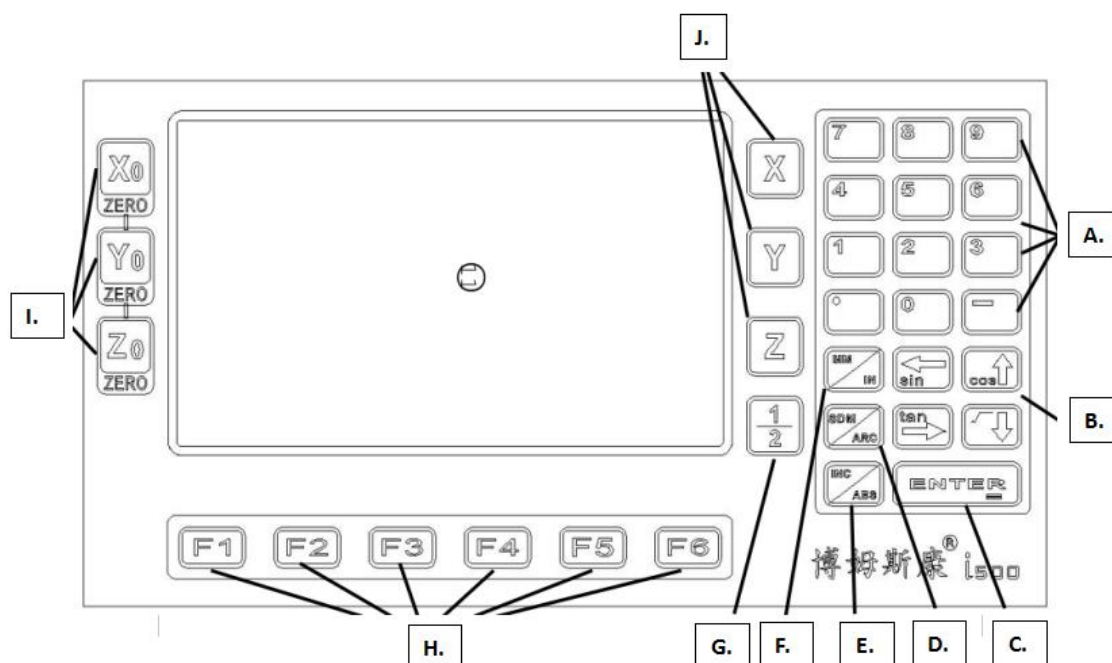
The i500 series is with the function of vibration eliminating, offers more comfortable operation.

★ Except the detecting and locating function, the i500 series digital readout system offers special function as incline holes aligning, circle holes aligning, incline plane manufacturing, arc manufacturing.



The i500 series digital readout system software is universal solution for varies kind of machining devices, provides the most powerful and comprehensive professional DRO functions for various type of machine applications.

## Product parameter



### Keyboard description:

- A . Numbers, decimal points and positive and negative symbolic keys
- B. Cursor keys up and down or triangle function keys in calculator around
- C . Confirmation key or "=" equal sign key in calculator

- D . SDM coordinate system switching key or inverse trigonometric function switching key in calculator
- E . Relative or Absolute Coordinate System switching Key
- F . metric or British switch key
- G . coordinate value midpoint key
- H . Functional Reuse Keys
- I . Number Axis Display Value Zero key
- J . axis selection key, used in setting up of center, setting and system, etc.
- K . LCD Display Area, Display Axis Value, Current System Status and Multiplexing Functions

## Details Images

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Model numble : i500

Axis : 2/3 axis

Cover material : Plastic

Software : All in one software

Display resolution : 800\*480

Resolution : 0.1 , 1 , 5 um

Dimensions : 288\*196\*52mm

Language : Chinese,English.

Grinding anti-vibration : Included

Lathe constant speed control : Included