



MULTI-FUNCTION DIGITAL READOUT

Digital Readout Counter

Product Information

DRO Counter

AccuRite PT- DC3000 Series



Model : PT-DC3000

The **AccuRite I Series, Model PT-DC3000**, is a quality and cost effective 3 Axis Digital readout counter used in many industrials.

AccuRite PT-DC3000 is appropriate for digital linear scales measuring system and the video measuring system. It can analyses and process the 3D measuring data. It is widely used in the projector, the tool microscope, CCD measuring instruments and other three-dimension measuring instrument.

TECHNICAL SPECIFICATION

General Technical Specification

Input Voltage: 90V-240V
Input Frequency: 50/60 Hz
Output Power: 15W
Operating Temperature: 0-45 Centigrade
Storage Temperature: -20-60 Centigrade
Input Signal :TTL, Freq<2Mhz, Current>1MA
Resolution: 0.1-10um
Dimension: 295mm x 185mm x 68mm
Weight: 1.45 Kg

Features.

- Measure Easy function
- Linear Error Compensation
- Cost effective solution
- Resolution selectable
- Auto-saving function
- RS232 link

Model Available	Type of Accessory Available*
PT-DC3000 DRO Counter	PT-4025B-4300B Linear Scale Type B PT-4025A-4300A Linear Scale Type A *Kindly Specify the type of range require when ordering



Digital Readout Counter



#DC3000

(#DC3000) 3 axis DRO

For XYZ axis digital readout , TTL Signal Input

Optical Linear Scale



#4025B-4300B

- (#4025B)** 25mm Linear Scale
- (#4050B)** 50mm Linear Scale
- (#4100B)** 100mm Linear Scale
- (#4150B)** 150mm Linear Scale
- (#4200B)** 200mm Linear Scale
- (#4250B)** 250mm Linear Scale
- (#4300B)** 300mm Linear Scale

Resolution: 1 μ m, 0.5 μ m, 0.1 μ m
Accuracy: \pm 3-6 μ m



#4025A-4300A

- (#4025A)** 25mm Linear Scale
- (#4050A)** 50mm Linear Scale
- (#4100A)** 100mm Linear Scale
- (#4150A)** 150mm Linear Scale
- (#4200A)** 200mm Linear Scale
- (#4250A)** 250mm Linear Scale
- (#4300A)** 300mm Linear Scale

Resolution: 5 μ m, 1 μ m, 0.5 μ m
Accuracy: \pm 3 μ m



PRODUCT INFORMATION

DC3000 DRO Function Description

Function
Measure basic and special elements: point, line, circle, rectangle, screw thread and so on.
Preset or create (by basic elements) point, line, circle, distance, angle and so on.
Save and recall measured data for comparison.
Skew and shift coordinate functions.
10 user's programs, 100 steps of each program defined by user, that beneficial for repeatable measurement.
"ABS / INC" and "Polarity / Cartesian" coordinate conversion functions
Preset 3 axes coordinate
Linear error compensation and segmented linear error compensation for linear scale.
Measure Easy function: Auto to judgment some basic metrology element from the measurement processing.
RS232 link with PC for data process.
Parameter setting for count direction and printer.
Print selective data: current position coordinate, basic element measurement and user's program.
Optical edge detector (optional) and foot switch advantage functions.
Resolution selectable.
Auto saving function when power interrupted.

For More Information

For more information on our products and services, kindly send an E-mail to sales@pinnacletech.biz

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