

Product Brochure For D705

## 3-Axis Digital Graphics Readout Counter - 5µm or 1µm - ES12-3x

Suits Lathes & Mills



ORDER CODE:	D705
MODEL:	ES12-3x
Axis Type (No.):	3-Axis
Accuracy (µm):	5 or 1
Voltage (V):	240
Suits:	Mill, Lathe, Grinder, & Borer, EDM



### Description

ES12 SERIES PROGRAMMABLE DIGITAL READOUT SYSTEMS WITH GRAPHICS

EASSON - Always committed to Quality, Technology & Innovation

Multi function display unit. Can be used with 5µm or 1µm scales for either mills, grinders or lathes.

Individual programming allows for the unit to be set-up for individual applications. Can be set up for Mill, Lathe, Grinder, Borer, and EDM function.

Each axis can be set up for either 5µm or 1µm

Easson GS series Glass Grating Linear Transducer

- Robust design - totally sealed
- State-of-the-art electronics
- Highly durable switching membrane
- High noise immunity and designed to EMC specifications
- Ultra low temperature rise transformers
- Packed with performance features
- Clear color graphics

Double Seal Designed Scales

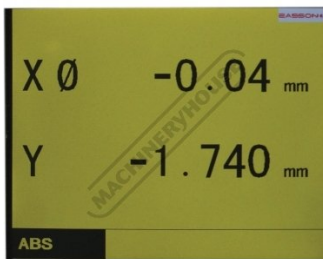
- The plastic seals of the transducer use an innovative material
- to offer superior oil resistance, high elastic recovery properties and durability, carefully designed lip geometry offer low slide resistance.
- 100% Laser Calibration
- All glass grating transducers are individually inspected and calibrated by our in-house laser calibrator to ensure accuracy complies 100% with the specifications.
- Advanced Optical Measuring System
- The slide carrier of the GS series scales, use a five bearing design for optical grating linear transducer which has been proven as the most reliable system design in today's market.
- The glass grating slide-ways are lapped, and JIS standard P5 grade bearings are used to achieve smooth and accurate movement and long working life.

ES12 SERIES DIGITAL READOUT - MULTI PROGRAMMABLE FUNCTIONS

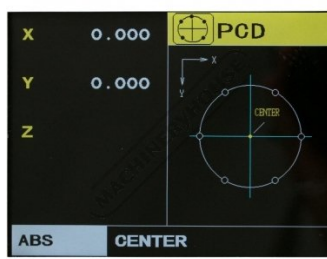
Product Brochure For D705

Clear Zero  
 Centring  
 In/mm Display  
 Co-ordinate Entry  
 ABS/INC  
 Power Off Memory  
 199 Sub Datum  
 Ref Memory

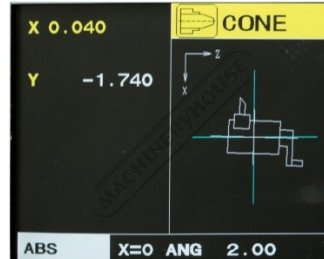
Specific Features



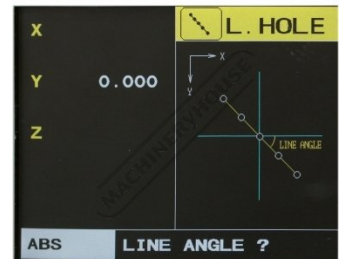
X Y Coordinates



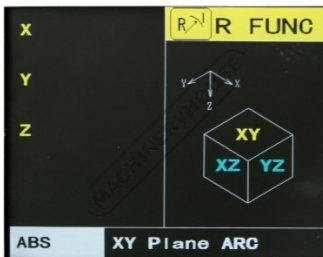
PCD



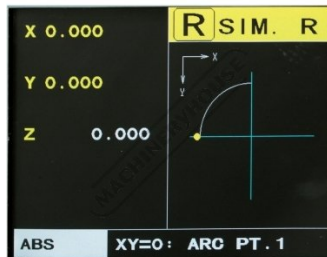
Cone



L Hole



R FUNC



SIM R



4 Axis



1 Axis



Back

Product Brochure For D705

**Recommended Accessories**

**D714L**  
 Basic Lathe Mounting Kit

**D714M**  
 3 Axis Basic Mill Mounting Kit

**D719**  
 150mm Easson Digital Readout Scale

**D720**  
 200mm Easson Digital Readout Scale



**D720C**  
 200mm Easson Digital Readout Scale

**D721**  
 250mm Easson Digital Readout Scale

**D721C**  
 250mm Easson Digital Readout Scale

**D722**  
 300mm Easson Digital Readout Scale



Product Brochure For D705

**D722C**  
 300mm Easson Digital Readout Scale



**D723**  
 350mm Easson Digital Readout Scale



**D724**  
 400mm Easson Digital Readout Scale



**D725**  
 450mm Easson Digital Readout Scale



**D726**  
 500mm Easson Digital Readout Scale



**D728**  
 600mm Easson Digital Readout Scale



**D730**  
 700mm Easson Digital Readout Scale



**D732**  
 800mm Easson Digital Readout Scale



**D734**  
 900mm Easson Digital Readout Scale



**D736**  
 1000mm Easson Digital Readout Scale



**D736A**  
 1100mm Easson Digital Readout Scale



**D737**  
 1200mm Easson Digital Readout Scales



Product Brochure For D705

---

**D738**

1300mm Easson Digital  
Readout Scale



**D739**

1500mm Easson Digital  
Readout Scale



**D741**

1700mm Easson Digital  
Readout Scale



**D745**

2000mm Easson Digital  
Readout Scale



**D750**

3000mm Easson Digital  
Readout Scale

