

Product Brochure For D7142

## 2-Axis Digital Readout Counter - 1µm or 5µm - ES14-2x

Suits Lathes & Mills

ORDER CODE:	D7142
MODEL:	ES14-2x
Axis Type (No.):	2-Axis
Accuracy (µm):	5 or 1
Voltage (V):	240 or 110
Suits:	Mill, Lathe, Grinder, & Borer, EDM



### Description

#### ES14 SERIES PROGRAMMABLE DIGITAL READOUT SYSTEMS

EASSON - Always committed to Quality, Technology & Innovation

Multi function display unit. Can be used with 1µm or 5µm 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 1µm or 5µm, Please note compatible 1µm or 5µm scales are required

#### 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

#### 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.

#### ES14 SERIES DIGITAL READOUT - MULTI PROGRAMMABLE FUNCTIONS

- ? Clear Zero
- ? Centring

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

**Specific Features**



Side View



Rear View



Shown With Plastic Protective Cover



Shown With Power Lead

**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



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**D720C**  
200mm Easson Digital Readout Scale



**D721**  
250mm Easson Digital Readout Scale



**D721C**  
250mm Easson Digital Readout Scale



**D722**  
300mm Easson Digital Readout Scale



**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



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**D734**  
900mm Easson Digital Readout Scale



**D736**  
1000mm Easson Digital Readout Scale



**D736A**  
1100mm Easson Digital Readout Scale



**D737**  
1200mm Easson Digital Readout Scales



**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

