

## Product Brochure For D719

# 150mm Easson Digital Readout Scale

GS30 Compact Scale  
5µm Resolution



**On Sale - Back In Stock Soon**

Ex GST	Inc GST
<b>\$244.00</b>	<b>\$280.60</b>
<b>\$194.78</b>	<b>\$224.00</b>

ORDER CODE:	D719
MODEL:	~
Type:	GS30 Compact Scale
Travel - Maximum (mm):	150
Overall Length (L) (mm):	294
Scale Resolution (µm):	5
Grating Pitch:	~
Accuracy (µm):	±6
Output Signal:	~
Connector:	~
Cable Length (Metre):	3
Working Temperature (°C):	~
Sealing Protection Class:	~
Maximum Speed (M/min):	~
Reference Point:	~
Width x Height (W x H) (mm):	20 x 28.5
Backing Support Plate (Yes / No):	Yes

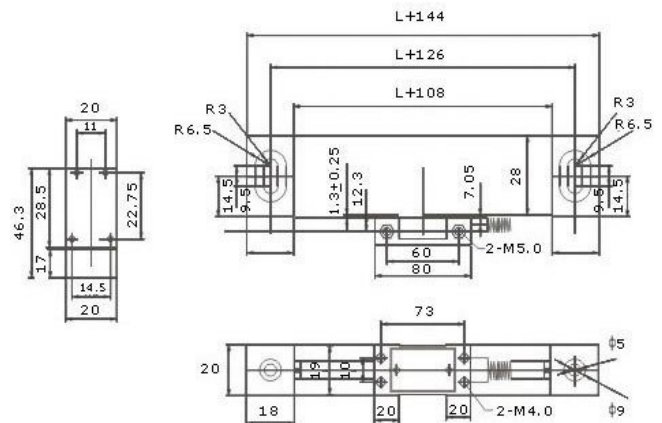


## Description

Easson GS series Glass Grating Linear Transducer: EASSON - Always committed to Quality, Technology & Innovation

## Features

- **SINGLE 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.
- **D.I.Y. INSTALLATION:**
- An easy-to-follow D.I.Y. Installation Manual is supplied with each system, complete with illustrations and mounting brackets.



GS30 from 50mm to 500mm

Product Brochure For D719

MODEL		VS 10	
Measuring Standard	Glass scale - Grating		
Optical Detecting System	Transmissive Infrared		
Slide Carrier System	Vertical five bearing supporting system	45° support	
Resolution	5µm		
Measurement Travel (100-1200mm)	Every 50mm per length specification		
Measurement Travel (1300-3000mm)	-	Every length	
Accuracy (100-450mm)	±3 - ±5µm		
Accuracy (500-1000mm)	±10µm		
Accuracy (1050-1250mm)	±10µm		
Accuracy (1300-3000mm)	-		
Repeatability	2µm		
Hysteresis	3µm		
Protection	DIN		
Power Supply	DC		
Output Signals			

## Product Brochure For D719

### Specific Features



DSub9 Male Plug

**Dsub 9**  
9 pin male connector plug

Pin	ITL	422A	Signal	Cable	Signal	Color
1	—	—	A	—	—	Yellow
2	0V	—	Orange	0V	—	White
3	—	—	B	—	—	Red
4	Gnd	—	Ground	Gnd	—	Ground
5	—	—	R	—	—	Black
6	A	—	Yellow	A	—	Green
7	5V	—	Red	5V	—	Brown
8	B	—	Green	B	—	Blue
9	R	—	Brown	R	—	Gray

Dsub9 Wiring Diagram



**DIY INSTALLATION**  
An easy-to-follow DIY Installation Manual is supplied with each system, complete with illustrations and mounting brackets.

DIY Installation

### Recommended Accessories

D709

Easson Scales - Extension Cable



D710

Easson Scales - Extension Cable



D772

Digital Readout Scale Mounting Bracket Kit



D711

Adaptor Cable



D712

Adaptor Cable

