



# F329

## Deci-Newton Loadcell Standard Range 0.1N (10gf)

- ◆ Low force high resolution loadcell
- ◆ Best resolution 4 microNewton
- ◆ Passive Wheatstone bridge
- ◆ Foil strain gauges
- ◆ High thermal stability
- ◆ Durable design
- ◆ Translational deflection



The F329 is a specialist force measurement device. Due to its finely balanced strain system and delicate structure there are some restrictions with respect to its use that need to be considered:

1. The loadcell's self mass will influence the zero load output upon changes of orientation and with acceleration therefore dynamic applications are limited.
2. The low stiffness characteristic requires the force system to provide enough deflection for the equilibrium deflection to be achieved.

The robust strain system allows judicious application of probes or structure fixings. Input torque to the live force input boss must be minimal, normal frictional torques achieving thread insertion should not be exceeded i.e. thread locking by adhesive is suggested.

We are happy to design variants of this loadcell to meet your specific requirements.

Details of our other loadcell families can be found in the Loadcell Specifier Guide. If you require a copy please contact our sales department or look on our web site at [www.novatechloadcells.co.uk](http://www.novatechloadcells.co.uk).

<b>Ordering Codes:</b>	See the loadcell ordering code sheet for more details. Add range in the required units.		
F329CF00A0	Compression, unrationalised	F329TF00A0	Tension, unrationalised
F329UF00A0	Bi-directional, unrationalised		

