

Access Ring



Overview: The access rings allows up to 12 transducers / port connections to be added to any of the standard triaxial cell. The access ring sits in between the cell top and the cell base. Extension screws in the triaxial cell, allow the base of the cell to be secured to the top of the access ring.

To ensure a water tight seal, the transducers (or port connections) pass through the access ring ports with an O-ring and gland.

Key Features:

Benefits to the User:

12 Transducer Ports:	Allows the user to enable up to 12 connections to be passed through the access ring into the cell.
Transducer blanks:	Allows the ports to be blocked off.
Anodised Aluminium Construction:	Hard anodised aluminium ensures the access ring does not rust during use.
Specific Transducer Feedthroughs:	Allows any transducer cables to be passed through the access ring and sealed with the use of a gland and O-ring to provide a water tight interface.
Available in a Variety of Sizes:	Access rings are available for all standard GDS triaxial cells 76mm up to 300mm.



Fig 1. Shows the setup of local strain transducers (LVDT's mounted onto a specimen), as can be seen the cables for the LVDT's pass through the access ring, which allow the transducers to be situated inside the cell without the need for internal connections.

Uses for Access Ring

- Hall Effects
- LVDT's
- Bender Elements
- Mid Plane Pore Pressure Transducer
- Unsaturated Testing
- Hydraulic Connections



Fig 2. Shows the configuration of the access ring ports and glands.

Dimensions:

76mm Version:	Internal Diameter: 124mm	Height: 60mm
100mm Version:	Internal Diameter: 160mm	Height: 60.3mm
150mm Version:	Internal Diameter: 222.1mm	Height: 40mm
300mm Version:	Internal Diameter: 442mm	Height: 60mm

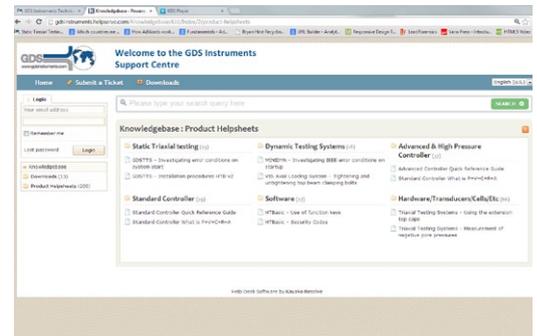
Why Buy GDS?

Technical Support:

GDS provide comprehensive on-site product training and installation. GDS understand the need for ongoing after sales support, so much so that they have their own dedicated customer support centre. The support centre allows the user to log queries, download helpsheets and get the latest information on product updates. The site is fully searchable and provides a great resource to customers.

Alongside their support centre GDS use a variety of additional support methods including...

- **Remote PC Support:** Remote PC support works by GDS providing a secure link to a customers PC, thereby allowing GDS to take control. Once in control of the PC, GDS can help with any problems associated to software, installation, testing etc.
- **Product Helpsheets:** Helpsheets are the GDS FAQ documents. They cover a multitude of hardware and software and are free to download from our online support centre.
- **YouTube Channel:** GDS YouTube channel holds both software and hardware video's aimed to give you better understanding of how the products work.
- **Email & Telephone Support:** If you prefer you can email requests to support@gdsinstruments.com where they will be automatically added to the support system and then allocated to a support engineer.



Customer support centre.

GDS Awarded Queens Award for Enterprise in International Trade:

GDS have been presented with the most prestigious corporate award made in the UK – The Queen's Award for Enterprise in the International Trade category. GDS are delighted to have won the award which has been given to GDS for increasing overseas trade by 190% over six years of continuous sustained growth, and for selling over 85% of their production overseas. GDS have achieved this through a combination of continuous product development, understanding customer's requirements and a company wide dedication to customer support.



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE

Made in the UK:

All GDS products are designed, manufactured and assembled in the UK at our offices in Hook. Quality assurance is taken of all products before they are dispatched.



GDS are an ISO9001:2000 accredited company. The scope of this certificate applies to the approved quality administration systems relating to the "Manufacture of Laboratory and Field Testing Equipment".



Due to continued development, specifications may change without notice. See the GDS website for the full product range & to visit our Geotechnical Learning Zone.