

LOAD-MASTER

Load Monitoring • Force Measurement • Industrial Weighing

CDH1 Compression Load Cell

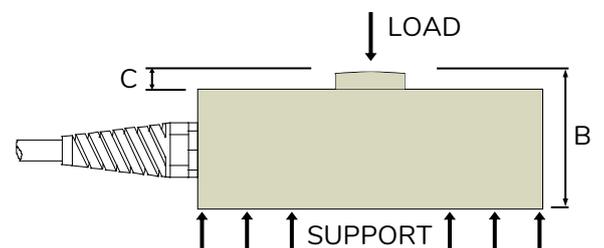
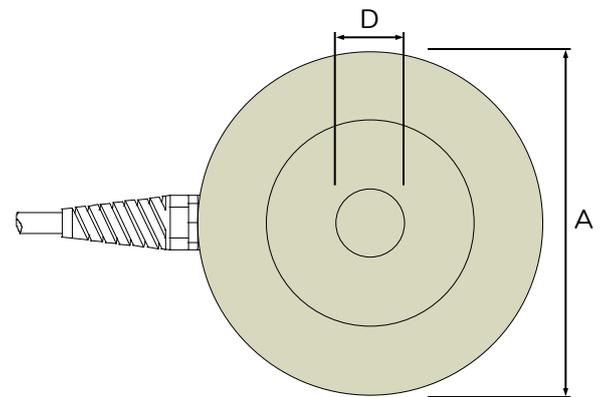


- Rated capacities from 500kg to 10,000kg
- Low profile design
- High strength stainless steel load cell

CDH1 disc-type load cells provide a lightweight and portable compression load measurement system for jacking, lifting and moving, testing and calibrating presses, proof testing structures and structural components, weighing materials and verifying industrial weighing machines.

The low profile design makes them particularly useful in tight spaces and applications with limited headroom. Mounted face up or inverted and face down, load is transferred through the domed surface of the central boss. (A flat load bearing surface of suitable stiffness is required to ensure correct loading and accurate measurement) Portable handset display includes 'tare' and 'peak reading' facility for weighing and force measurement uses.

| Capacity | Divisions | ØA | B | C | ØD |
|-----------|-----------|-----------|----|---|-----|
| 500 | 0.2 | 63 | 25 | 4 | 170 |
| 1000 | 0.5 | 63 | 25 | 4 | 180 |
| 2500 | 1 | 63 | 25 | 4 | 200 |
| 5000 | 2 | 100 | 40 | 5 | 250 |
| 10,000 | 5 | 100 | 40 | 5 | 320 |
| kg | | mm | | | |



| | |
|-----------------------|--------------------|
| Display Units | kg |
| Battery life | 60 hours minimum |
| Cable Length | 3 metre |
| Maximum Error | 0.5 % applied load |
| Safety Factor | 3 x rated capacity |
| Operating Temperature | -10 to 60 °C |
| Environmental Sealing | IP65 |

Specifications subject to change. Full product details available on request.

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