

easyLab

Innovative Solutions for Materials Characterisation

→ New Product



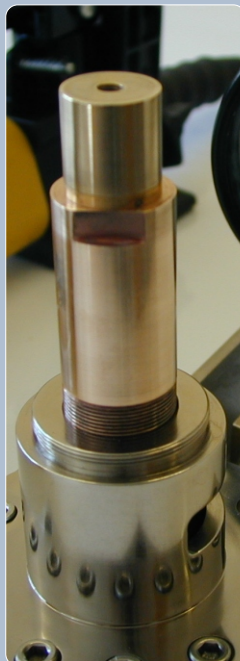
→ **easyCell 30™** Enables AC transport measurements at pressures up to 25 kbar

The easyCell 30 is the new hydrostatic pressure cell module from easyLab.

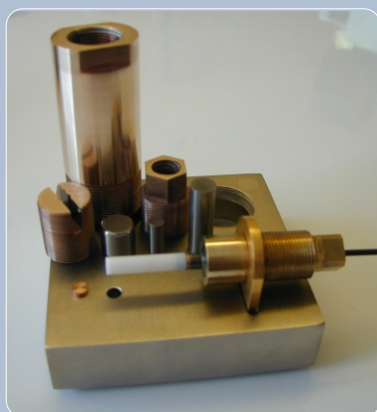
It is designed to enable AC transport measurements under hydrostatic pressure up to 25 kbar.

The easyCell 30 is providing a complete solution to study material properties under pressure adding a new dimension to phase diagrams.

The easyCell 30 is supplied with a purposely engineered hydraulic press (10 ton) which greatly facilitates the loading, unloading and opening of the pressure cell.



All the tooling, accessories are supplied with the system. Very importantly, pre-wired electrical leads feethroughs are also provided, enabling you to focus on the measurements not the setting-up.



The easyCell can easily be interfaced on any cryogenic platforms such as dilution fridge, Helium3, Helium4 systems but also cryocoolers.

→ **Specifications**

- Pressure range:
0 - 25 kbar
Temperature range:
30 mK - 400 K
- Cell dimensions:
Overall length: 96 mm
Outer diameter: 27 mm
Inner diameter: 5 mm
Weight: 350 g
- Sample space:
7 mm x 3.9 mm
- Hydraulic press:
Max. force: 10 ton
Max. oil pressure: 700 bar
Enerpac type



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