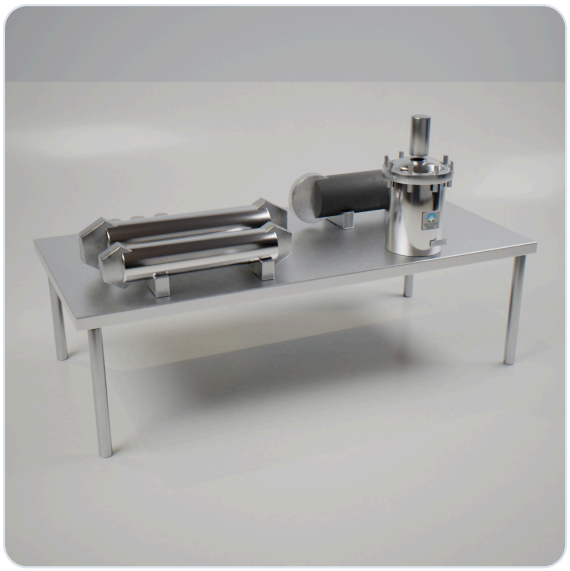
PRODUCT DATASHEET

Core Holders: Hassler, Tri-Axial and X-Ray Transparent

Core holders for flooding, permeability and imaging, sold on their own

Product page





Close-up: end plug and sleeve of a Hassler holder

OVERVIEW

The Tech Inc. Core Holders: Hassler, Tri-Axial and X-Ray Transparent holds a rock core under confining pressure so fluids can be pushed through it at reservoir conditions. Hassler-type holders apply radial overburden through a sleeve, tri-axial holders add independent axial load, and X-ray-transparent holders let CT scanners image fluid saturation during a flood.

TYPICAL DESIGN DATA

Core diameter	1, 1.5, 2 and 4 inch
Core length	About 25 to 300 mm, adjustable
Overburden	To about 700 bar
Codes and standards	Designed with a safety factor on burst; each holder pressure-tested
Temperature	To about 150 °C; higher with special sleeves
Materials	Stainless, C-276, titanium; aluminium or composite for X-ray
Sleeves	Nitrile, fluoroelastomer or Aflas-type to suit fluids and temperature

MODELS AND CAPACITIES

- **TI-CHH-1-700** – 1 inch, about 700 bar
- **TI-CHH-4-350** – 4 inch, about 350 bar
- **TI-CHH-XR** – X-ray transparent
- **TI-CHH-15-700** – 1.5 inch, about 700 bar
- **TI-CHH-TX** – tri-axial

Indicative core diameter and overburden rating.

ORDERING CODE

Example **TI-CHH-15-700-H-C**: **15** core diameter: 1, 15 (1.5 in), 2, 4; **700** overburden rating, bar; **H** type: H Hassler, T tri-axial, X X-ray transparent; **C** material: S stainless, C C-276, T titanium, A aluminium.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: spare sleeves; pressure taps along the core; heating jacket; adapters for other core lengths; repair and re-test of holders.

KEY ADVANTAGES

- **Every size** – 1 to 4 inch cores
- **Right alloy** – C-276 or titanium for sour and CO_2
- **Imaging** – X-ray-transparent versions
- **Spares** – sleeves and end plugs

How to cite: Core Holders: Hassler, Tri-Axial and X-Ray Transparent (model TI-CHH; Tech Inc., Vaughan, Ontario, Canada). www.techincresearch.com/product-page/core-holders

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**
Offices: Chennai · Toronto · Tallinn · Al Khobar
mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

Disclaimer: All products, designs and content are the property of Tech Inc. Tech Inc. reserves the right to change specifications and details without notice. Images are for representation only; the supplied equipment may differ in appearance. Data are typical; final design to client specification.