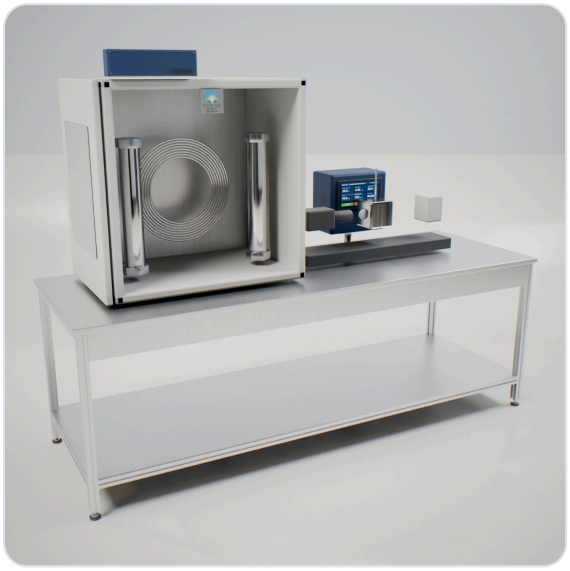
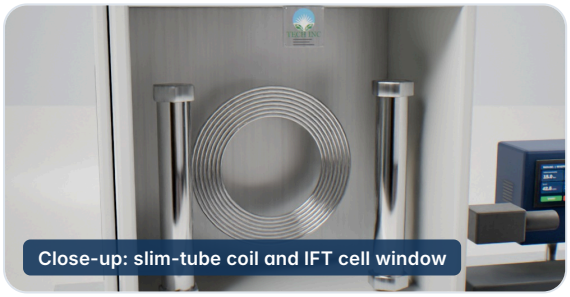
PRODUCT DATASHEET

Reservoir-Fluid Cells: Recombination, Slim-Tube and IFT

Recombination cells, slim-tube MMP apparatus and pendant-drop IFT cells to 1,000 bar

Product page





Close-up: slim-tube coil and IFT cell window

OVERVIEW

The Tech Inc. Reservoir-Fluid Cells: Recombination, Slim-Tube and IFT completes a PVT laboratory with the cells around the main PVT apparatus.

TYPICAL DESIGN DATA

Pressure	To about 700 bar standard, 1,000 bar on request
Temperature	Ambient to about 200 °C in an air bath
Wetted materials	316 stainless, Alloy C-276 or titanium for sour and CO_2 service
Codes and standards	Pressure parts designed with a safety factor on burst; windows rated for the full pressure
Slim tube	About 12 to 20 m coiled, packed with sand or glass beads
IFT	Sapphire windows, camera and drop-shape analysis software
Pumps	Dual-cylinder precision pumps for pulse-free flow

MODELS AND CAPACITIES

- **TI-RFC-REC** – recombination cell, about 700 to 1,000 bar
- **TI-RFC-IFT** – pendant-drop IFT cell, about 700 bar
- **TI-RFC-SET** – complete fluid-property set
- **TI-RFC-ST** – slim-tube MMP apparatus, about 700 bar
- **TI-RFC-VIS** – high-pressure viscometer

Indicative pressure ratings.

ORDERING CODE

Example **TI-RFC-ST-700-C**: **ST** type: REC, ST, IFT, VIS, SET; **700** pressure rating, bar; **C** material: S 316, C C-276, T titanium.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: titanium wetted parts; extra recombination cells; densitometer.

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**
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