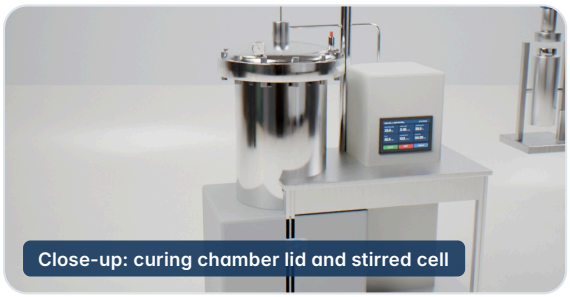
PRODUCT DATASHEET

Cement Curing Chamber and Stirred Fluid-Loss Cell

Pressurised curing chambers and stirred fluid-loss cells for cement laboratories

Product page





Close-up: curing chamber lid and stirred cell

OVERVIEW

The Tech Inc. Cement Curing Chamber and Stirred Fluid-Loss Cell completes a well-cementing laboratory alongside the consistometer. The pressurised curing chamber cures cement cubes or cylinders at downhole temperature and pressure for the compressive-strength test; the stirred fluid-loss cell conditions the slurry by stirring at temperature, then measures fluid loss in the same cell, as cementing practice describes.

TYPICAL DESIGN DATA

Curing	To about 200 °C and 200 bar
Fluid loss	About 70 bar differential at temperature
Specimens	2 inch cubes or cylinders
Codes and standards	Test practice to API RP 10B-2; pressure parts designed with a safety factor
Control	Programmable temperature and pressure ramps
Materials	Stainless steel
Safety	Relief valve, over-temperature cut-out, interlocked lid

MODELS AND CAPACITIES

- **TI-CCC-200** – curing chamber to about 200 °C and 200 bar
- **TI-CCC-FL** – static fluid-loss cell
- **TI-CCC-SFL** – stirred fluid-loss cell to about 200 °C
- **TI-CCC-SET** – laboratory set

Indicative rating.

ORDERING CODE

Example **TI-CCC-SET**: **SET** type: 200, SFL, FL or SET.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** additional moulds; static gel-strength measurement; data logging; annual service.

KEY ADVANTAGES

- **Downhole schedule** – programmable ramps
- **Safe** – relief and interlocks
- **One cell** – stir and test fluid loss together
- **Completes the lab** – with the consistometer

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

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