(CRS) **Constant Rate of Strain cell**

- Continuous monitoring of test parameters (axial load, pore pressure, axial compression) and detailed plotting of the consolidation curve
- Max working pressure 3500 kPa
- Relatively short time to perform consolidation test
- Particularly suitable for cohesive saturated soils
- Using with standard system with manual control or using dedicated activation code with automatic control and data acquisition.

Standards ASTM D4186

This cell is used to measure the magnitude and rate of consolidation of saturated cohesive soils usingb continuous controlled strain axial compression. The specimen is restrained laterally and drained axially to one surface. The axial force and base excess pressure are measured during the deformation process.
The test is performed using Constant Rate of Strain cell and other equipment including Triaxial frame, Pressure system, Data acquisition and processing system and other accessories.

Three different different models are available:
- Constant rate of Strain (CRS) suitable for external load cell
- Constant rate of Strain (CRS) suitable for submersible load cell
- Adapter for triaxial cell model 28-WF4070

They can be use in a standard system with manual control (automatic or manual acqusition) or in a automatic control and data acqusition using a dedicated activation code.

Ordering information

26-WF0360/A

CRS - Constant Rate of Strain cell model suitable for external load cell
- Specimen size: 63.5 x 25.4 mm (diamter x height)
- Maximum working pressure: 3500 kPa
- Upper and lower porous discs and perforated loading cap
- 3 valves (pore, back pressure and chamber pressure)
- air vent
- External load cell has to be ordered separately

CRS - Constant Rate of Strain cell (26-WF0360/A) with displacement transducer and mounting bracket

CRS - Constant Rate of Strain cell (26-WF0360/AS) with Sumersible load cell, displacement transducer and mounting bracket

26-WF0360/AS

CRS - Constant Rate of Strain cell model suitable for submersible load cell
- Specimen size: 63.5 x 25.4 mm (diamter x height)
- Maximum working pressure: 3500 kPa
- Upper and lower porous discs and perforated loading cap
- 3 valves (pore, back pressure and chamber pressure)
- air vent
- Submersible load cell has to be ordered separately

CRS - Constant rate of Strain cell (26-WF0360/AS) to be used with Submersible load cell

CRS - Constant Rate of Strain cell (26-WF0360/AD) fitted on base platen of triaxial cell 28-WF4070

26-WF0360/AD

Adaptor for trixial cell model 28-WF4070 to perform Constant Rate of Strain test
- Specimen size: 63.5 x 25.4 mm (diamter x height)

Code	26-WF360/A	26-WF360/AS	26-WF360/AD
Stand Alone	yes	yes	Adaptor for 28-WF4070
Specimen size diamter x height [mm]	28-WF4070		
Maximum working pressure [kPa]	3500		
Number of valves	3		
Air vent	yes		

CRS - Constant Rate of Strain cell (26-WF0360/AD) fitted in triaxial cell 28-WF4070 with sumersible load cell, displacement transducer and mounting bracket

Accessories

26-WF0360/1

Cutting ring and accessories for preparation of CRS sample