



Compression test apparatus (0867) and Shear strength test apparatus (0868)

Installation preparation instructions



Requirements for installation

- Compressed-air: clean, stable (without drops/ impact), dry air must be available in the operating range of 6-7 bar. Pressure regulator can be exposed to a maximum operating pressure of 1 MPa= 10 bar (set-pressure= 0.05-0.85 MPa).
- Connection plug and tube clamp to connect the delivered compressed-air tube (D=14x8 mm) to your compressor system.
- Mains supply near instrument: for connection of the adapter (Shear Strength Test Apparatus) and the connection of the PC/laptop.
- Up to date PC/laptop; a clean system with only the operating software and probably office software. PC operating systems: XP, Vista, Windows7. administrator rights) PC performance Vista processor system performance rating 5* or higher will operate up to 8 instruments simultaneously. View the rate in Vista: browse to Control Panel -> System and Maintenance -> Performance Rating and Tools. Optional virus protection and internet access are preferred.
- Water, distilled or deionised, well degassed (-950 hPa); and the equipment to make this.
- Sample-rings d103x100 h 30 mm).

Environment

Make sure that you place the apparatus in a clean, dry and non-direct sunlight surrounding (a conditioned room is preferred) for best operational performance and measurement results.

The apparatus should be well accessible from the operating front and left side to connect/ adjust the compressed air (accessible for maintenance; remove condensate). In case of multiple instruments they can be placed best side by side with the computer in the middle. Adjust the table surface height and levelness with a level by turning the foot rests.