



08.67 Compression test apparatus 08.68 Shear strength test apparatus

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 footrests.

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