



1600F1, 5 BAR PRESSURE PLATE EXTRACTOR

DESCRIPTION

The 1600F1, 5 Bar Pressure Plate Extractor: Allows analysis of the water-holding characteristics of soil samples in the 0 to 5 bar pressure range. The pressure vessel is 9" (22 cm) deep and has an inside diameter of 12" (30 cm). Up to 4 5-Bar ceramic plates can be used, allowing 48 each 2-1/4" (5.7 cm) diameter samples to be analyzed simultaneously. Extractor includes: pressure vessel and lid, clamping bolts, O-ring seals, and outflow tube assemblies.

Pressure plates are sold separately.

Specifications

Pressure Range: 0-5 bars;

Pressure Vessel inner diameter: 12", depth: 9"

Number of Samples: approximately 48, 2.25" diameter samples.

Weight: 41 lbs.

Dimensions: 18X18X16 inches.



1600F1, 5 BAR PRESSURE PLATE EXTRACTOR:

For many, their interests are concerned in the optimum plant growth range of 0-5 Bar soil suction range. For engineers it's the wet zone where soil behavior becomes unstable. The 1600 Pressure Plate Extractor is the choice of all worldwide when there's a need for careful and precise measurement of water retention, prepping for stability tests or pore water extraction. This versatile Pressure Extractor also finds application in the calibration of various moisture-measuring equipment assuring that the readings match reality of soil moisture by volume or soil water tension. Easy to clean the epoxy

coated interior and exterior complete with safety relief valve. The Model 1600 Pressure Plate Extractor allows analysis of the water-holding characteristics of soil samples in the 0 to 5 bar pressure range. The pressure vessel is 9" (22 cm) deep and has an inside diameter of 12" (30 cm). Up to 4 ceramic plates can be accommodated at one time, allowing approximately 48 each 2-1/4" (5.7 cm) diameter samples to be analyzed simultaneously. Requires a regulated pressure source for operation (see our Air Distribution and System Manifold of the catalog) and a compressor or compressed air tank.

0700CG23F1 PRESSURE REGULATING SYSTEM (MANIFOLD) TO RUN 1500F2 & 1600F1 EXTRACTORS

COMPRESSOR 20BAR, 230 VOLTS, 50/60 HZ

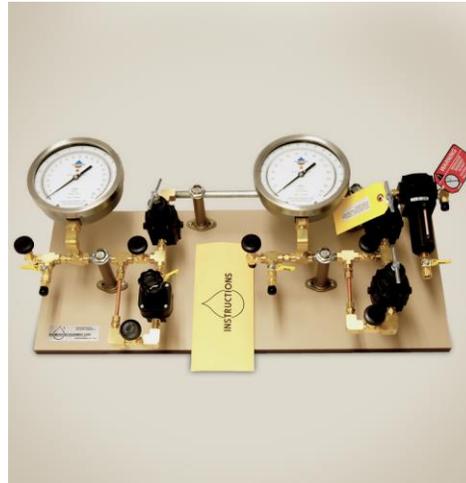
0500FG4 Air compressor for running Lab Setups. 20 Bar Air Compressor for running Laboratory Setups. Available 230V



Product Features:

The 0700CG23F1 Manifold is a combination manifold which combines the 0700G2 station and the 0700G3F1 station. The 0700G2 station is used to operate both the 1500F2, 15 Bar Ceramic Plate Extractor and the 1600F1, 5 Bar Pressure Plate Extractor. The 0700G3F1 station provides very precise, low-pressure regulation in the pressure range from 1 to 75 psi. It can also be used with the 1250, Volumetric Pressure Plate Extractor 1400 and 1450 Series, Tempe Pressure Cells.

Pressure Range: 1 to 75 psi. Weight: 28 lbs. Dimension: 37X19X13 inches



Contact info



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APPLICATIONS

- Soil Water Retention
- Soil Physics
- Mining

This Instrument is manufactured by our principle company

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