



FIELD CAPACITY FADE POINT DETERMINER

**Production of Custom Sizes and Features*

It is used to determine the water needs of soils by determining the field capacity and fading point values of agricultural soils.

4 UNITS DIFFERENT UNIT

- ▶ 4 Pressure Adjustment Control Panel (Manifold)
- ▶ 5 Bar Pressure Plate Pot
- ▶ 15 Bar Pressure Plate Pot
- ▶ PM Air Compressor 220V
- ▶ Pressure regulating control panel (Manifold) with a combined system of field capacity and fade point manifolds allowing the operation of 15 bar and 5 bar pressure plate pots.

TECHNICAL SPECIFICATIONS OF FIELD CAPACITY MANIFOLD

- ▶ Pressure 0-100 psi to 0-6 bar
- ▶ The pressure range of the pressure gauge in psi units is 0-100psi, divided by 5psi and increasing by 0.5psi at every 5psi interval.

FADING POINT MANIFOLD TECHNICAL SPECIFICATIONS

- ▶ Pressure 0-300psi to 0-20 bar
- ▶ Manometer psi unit pressure 0-300 psi, divided by 20 psi and increasing 2 psi for every 20 psi interval.
- ▶ The manometer bar-unit pressure 0-20 bar is divided by 0.1 bar and increases by 0.1 bar in every 1 bar interval.
- ▶ The sensitivity of the manometer is 1/4 of 1% and fine adjustment in the form of a strip for precise measurement.

5 BAR PRESSURE PLATE COOKER TECHNICAL SPECIFICATIONS

- ▶ To be able to analyse the water retention properties of soil samples in the 0-5 bar pressure range
- ▶ 22 cm depth, 30 cm diameter for ideal use.
- ▶ By placing 4 ceramic plates in the container at a time, approximately 48 samples can be analysed simultaneously
- ▶ 1 pressure pot and lid, clamps, screws, rubber seals and spout tubes are included in the set.
- ▶ 2 pcs 1 bar Ceramic Plate

15 BAR PRESSURE PLATE COOKER TECHNICAL SPECIFICATIONS

- ▶ Ideal design to analyse the water retention properties of soil samples at pressures below the wilting point in most agricultural applications
- ▶ 10 cm depth, 30 cm diameter for ideal use
- ▶ Possibility to analyse approximately 36 samples at the same time by placing 3 ceramic plates at a time
- ▶ 1 pressure pot and lid, clamps, screws, rubber seals and spout tubes are included in the set.
- ▶ 2 pcs 15 bar Ceramic Plate

PM AIR COMPRESSOR SPECIFICATIONS

- ▶ Power to provide the necessary air for pressurised plate cookers.
- ▶ 240 psi activation and 295 psi deactivation system.
- ▶ Provides a maximum air pressure of 20 bar.
- ▶ Optimal use with weight not exceeding 35 kg.
- ▶ 220 V/50Hz
- ▶ 4 lt. Air tank.
- ▶ Original connection hose.

