



## 1020 PRESSURE MEMBRANE EXTRACTOR, 100 BARS

### DESCRIPTION

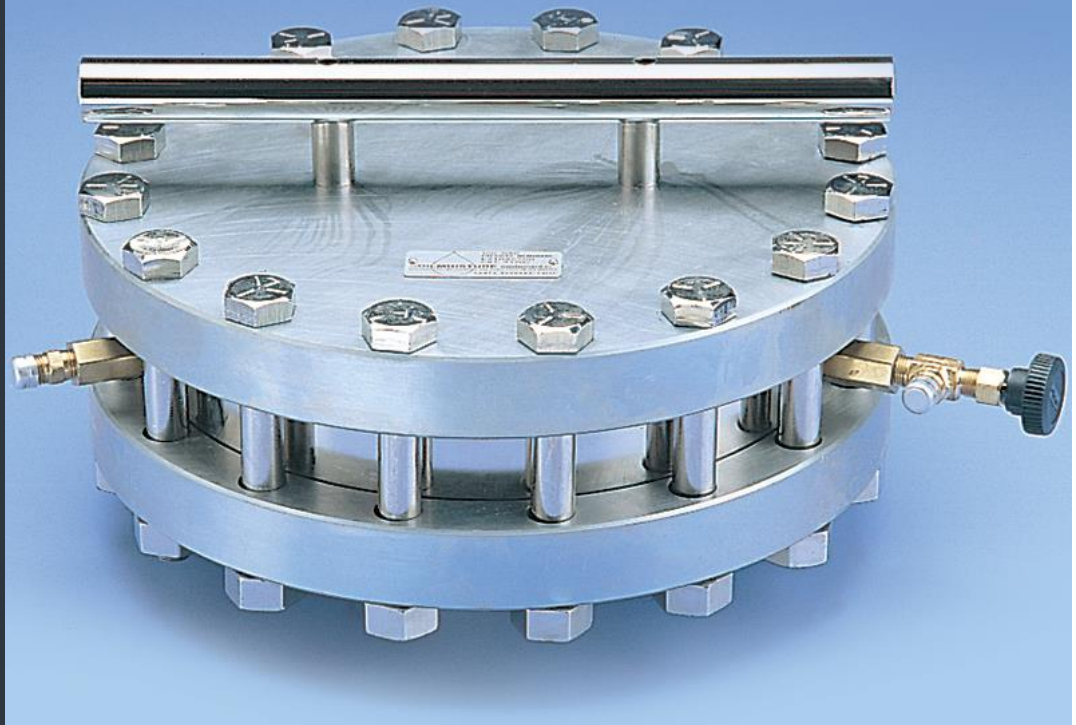
The 1020, 100 Bar Pressure Membrane Extractor, is used to analyze the water-holding characteristics of soil samples at extremely high pressures. The Pressure Membrane Extractor uses a cellulose membrane supported on a screen drain plate. The cylinder is 2" (5 cm) high, with an inside diameter of 10" (25 cm). The 1020 consists of top and bottom plates, cylinder, all connecting bolts and seals, screen drain plate, and a side exhaust valve. You will need the 0750G4 Manifold (sold separately) to run the 1020 Extractor. Other items you will need are cellulose membranes (1041D12), soil sample retaining rings (1093F1), and an electrical lead through (1066) are available separately.

### Specifications

Pressure: 100 bar

Weight: 146 lbs.

Dimensions: 17X17X12 inches



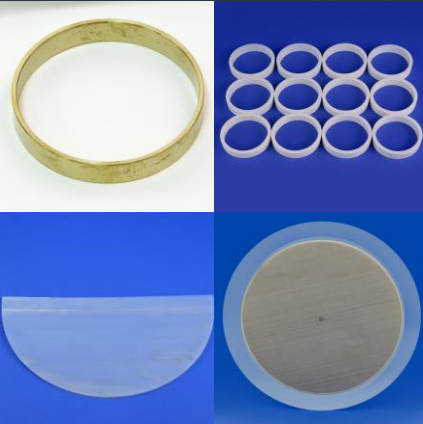
### 1020 PRESSURE MEMBRANE EXTRACTOR, 100 BARS:

In desert research projects where dry soils are the norm, the 100 bar pressure membrane extractor is a valuable instrument. The Model 1020 is also useful in specialized extractions of porous media, including rock cores and mineral cores where hydraulic characteristics of liquids like oil or other types of liquids are to be extracted from fine pore structures. The Pressure Membrane Extractor uses a cellulose membrane supported on a screen drain plate. The cylinder is 2" (5 cm) high, with an inside diameter of 10" (25 cm). The Model 1020 consists of heavy duty; heat treated steel top and bottom

plates, a cylinder and 16 hardened steel connecting bolts and seals, a pressure relief valve and a side exhaust valve, which makes it a safe instrument to operate. A high-pressure hose and special high pressure manifold with regulator for connecting the extractor to a pressure source must be ordered separately. Cellulose membranes, soil sample retaining rings and an electrical lead-through are additional accessories that make the extractor complete for operation.

# 0750G4 MANIFOLD TO RUN 1020 EXTRACTOR ONLY

## APPLICATIONS



### Product Features:

Designed specially to be used with Soilmoisture's 1020 Extractor. Includes a tank regulator (0-2000 PSI), 6" dial test gauge, 2" dial pressure gauge (0-3000 PSI), and flexible high pressure hose. Connects to pressure source with a CGA-580 male fitting, and to the 1020 Extractor with a 1/4" NPT female fitting.

Weight: 5 lbs. Dimensions: 25.00L x 17.00W x 13.00H



## APPLICATIONS

- Soil Water Retention
- Soil Physics
- Mining

### Contact info



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This Instrument is manufactured by our principle company

**SOILMOISTURE EQUIPMENT CORP - USA**