



Key Features

- Set to determine the complete pF-curve
- Determine the pF curve over the full range of pF 0 - 4.2
- Including soil sampling equipment
- For (undisturbed) soil samples, soil rings Ø 53 and/or 60 mm

For research of water availability in the soil for plants and trees, the determination of the moisture characteristic (pF-curve or soil retention curve) of the soil is essential.

With this set you have the instruments needed to take undisturbed samples in the field and determine the complete soil retention (pF) curve. But please note that a precision balance and drying oven are also required for testing in the lab.

Up to 40 samples can be tested per sandbox, which allows for large scale research and the determination of a representative and effective average.

A functioning sandbox can be used for several years if the sand/ sand-kaolin is kept inundated with water after each test. A copper ring helps to prevent algal growth.

Set contains

- (0801) Sandbox for pF-determination 0 - 2.0 for a maximum of 40 soil sample rings
- (0802SA) Sand-/kaolin box for pF-determination 2.0 - 2.7 for a maximum of 40 soil sample rings
- (0803) Membrane apparatus for pF-determination 3.0 - 4.2 for a maximum of 15 soil sample rings, including compressor and accessories
- (0753SC) Soil sampling set with rings of 53 mm in diameter
- Additional soil sample (Kopecky) rings
- Soil sample (transport) boxes

Please note the equipment for determining each section of the pF Curve set can be purchased separately

Specification	
Maximum number of samples	40+
Measured parameters	pF
Measuring range	0 - 2.0 pF
Power supply	line voltage
Reading accuracy	0.01 bar
Sample specification	undisturbed
Sample stored in	ring
Package size	1 pallet of 120 x 80 x 125 cm, 141 kg and 1 pallet of 146 x 62 x 110 cm, 209 kg
Voltage	110 - 240VAC

