

TRIME®-P

Rod probe family

- Easy to handle
- A wide variety of probe designs and dimensions
- Robust and field-proven

IMKO offers high-quality 2- and 3-rod probes of different dimensions for the most varied measuring applications. The standard length of the P2 probe is 10cm and 5cm for the P2G and P3. The arrangement of the rods can be linear or triangular, with a rectangular or round probe body. All rods are PVC-coated to obtain best measuring results even in saline materials (bulk soil electrical conductivity up to 2dS/m).

For very high salinities, special **high-conductivity-probes (C-versions)** are available.

To take measurements, the probes are simply inserted into the sample material.

Measuring volume

The measuring volume of the rod probes can be described as a „cylinder of influence“ with a length comparable to the rods' length and a diameter comparable to the probe bodies' diameter.

Accuracy

In soils, a measuring accuracy better than 1vol.-% is possible, provided a close contact and no air gaps exist between the measured material and rods.

Remarks

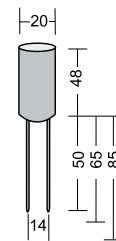
The Probes P2G, P3 and P3S are designed for use in the upper soil area. Probes P2Z, P2 and P3Z are for use in soil or below soil. 2-rod-probes are not compatible with the TRIME-FM3 version and vice versa. 3-rod probes have the same accuracy and resolution as 2-rod probes, but they can be operated in conjunction with a TRIME-T3 tube access probe by one TRIME-FM3 moisture meter. Should a rod be damaged, it can be easily unscrewed and replaced. For very dense materials in which probes cannot be inserted by hand, a special pre-boring set has been developed for installing rod probes.

Technical Data P2/P3-Rods

Measuring range:	0..70% by volume
Bulk electrical conductivity:	0..2dS/m, wider range with C-version probes
Measuring accuracy in the	
Moisture range 0..40%:	1% for probe P2Z, P2G, P3Z, P3 2% for probe P2, P3S
Moisture range 40..70%:	2% for probe P2Z, P2G, P3Z, P3 3% for probe P2, P3S
Cable length:	standard length 1.5m, optionally 2.5m, 3.5m (only P2)

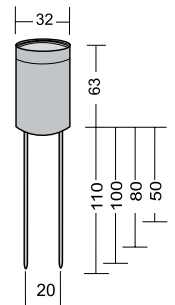
P2 family

Probe P2D



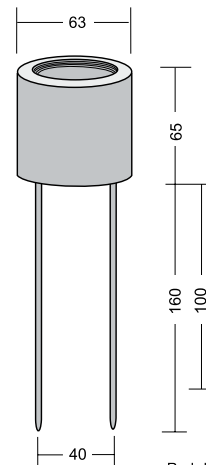
Rod diameter: 2.4mm

Probe P2



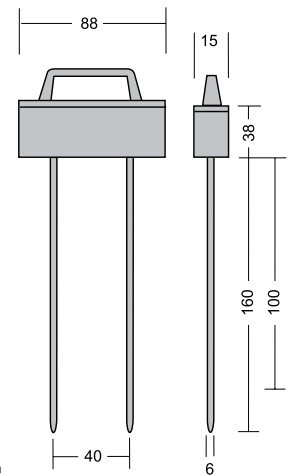
Rod diameter: 3.5mm

Probe P2Z



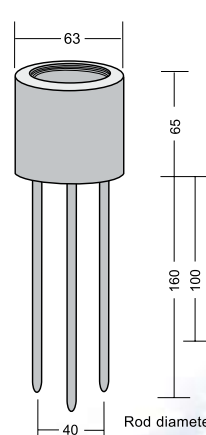
Rod diameter: 6mm

Probe P2G



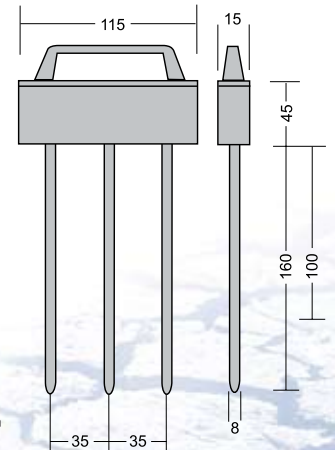
P3 family

Probe P3Z

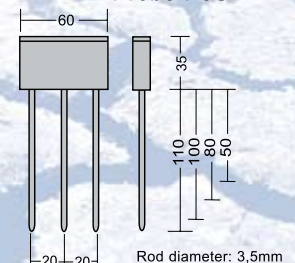


Rod diameter: 8mm

Probe P3



Probe P3S



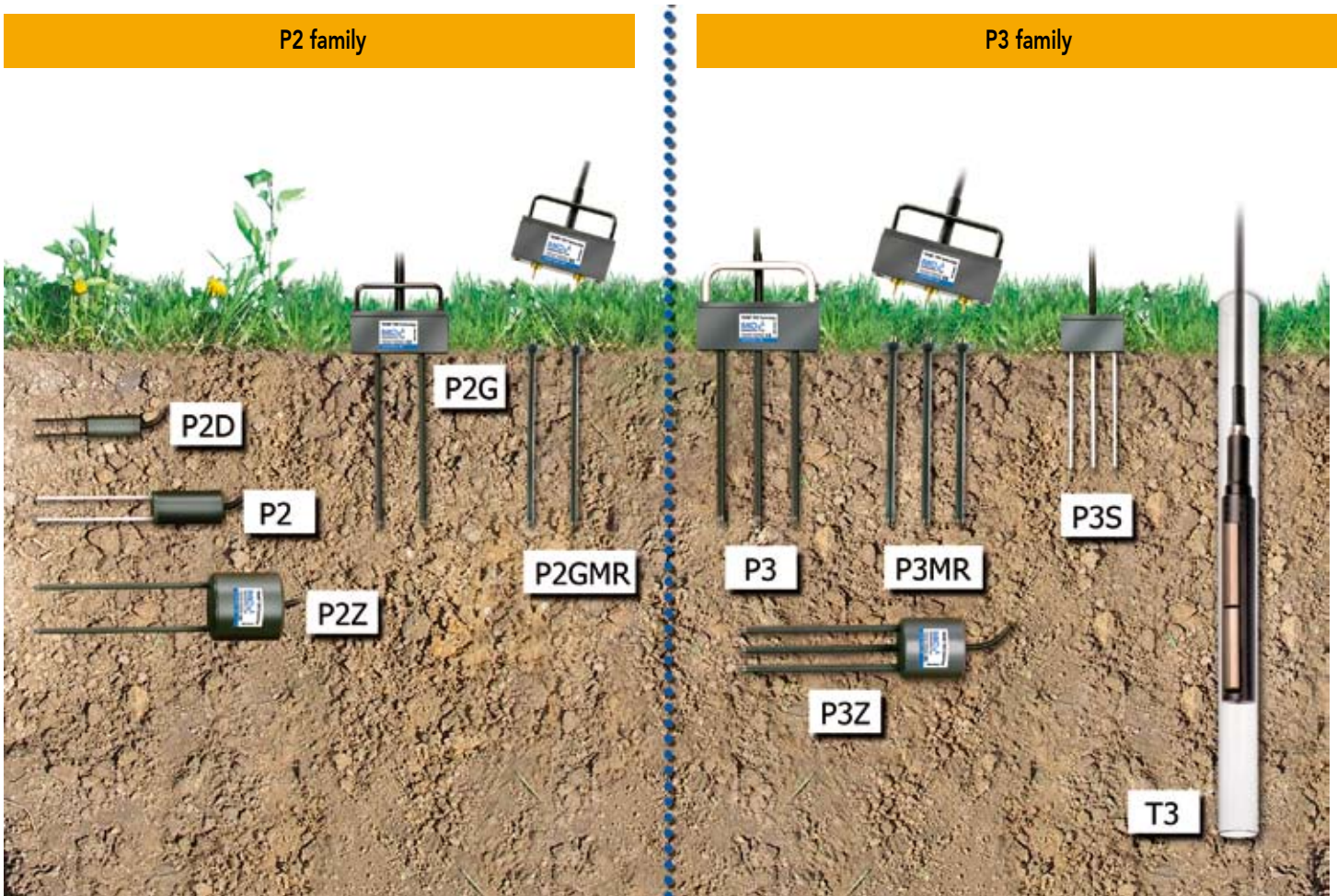
Rod diameter: 3.5mm

TRIME®-P

Rod probe family

P2 family

P3 family



TRIME®-P2G-MR or P3-MR

The multi-rod probe-head

The multi-rod probe-head is the cost-saving solution for monitoring moisture at various sites by using one TRIME-FM moisture meter with one probe head for numerous low-cost rod sets.

By leaving the rods installed, your measurement location is left intact even after repeated probe insertion.

To take measurements, the multi-rod probe-head is simply plugged on to the rods. Protection caps prevent dirt and water entering the small threaded holes in the rods.

