

Soil tensiometer Irrrometer 4-20 mA

Measures the stress
experienced by roots

It measures the water tension in the soil,
accurately reflecting the effort made by
plant roots to absorb it.

TH-TS-00XX



General specifications

Working temperature	-0.5 ~ 65 °C
Supply voltage	9 ~ 30 Vdc
Interface	4-20 mA

Mechanical specifications

Tank dimensions	Ø55 x 130 mm
Tube Dimensions	Ø22 x 15 ~ 90 mm
Sensor Dimensions	Ø35 x 100 mm
Connection	Terminal block
Weight	440 g
Material	CAB, Stainless Steel
Grade IP	IP67

Measurement of water tension in soil

Type	Direct measurement
Range	0 ~ 1 bar
Precision	3% FS

Reference	Length	Weight
TH-TS-0015	15 cm	380 g
TH-TS-0030	30 cm	440 g
TH-TS-0045	45 cm	500 g
TH-TS-0060	60 cm	560 g
TH-TS-0090	90 cm	620 g