

Premium plug-in tensiometer

The special features of this type LM-x design are the spacious, stable tube and the strong, long, cylindrical porous cell. In addition to its mechanical stability, a key advantage is the longer service life (and less maintenance) that results from the greater filling volume. The Premium plug-in tensiometers, when used together with analogue or digital manometers as well as electronic sensors, are perfect for all soil measurements involving insertion depths of approx. 10 – 15 cm. The tensiometer tube protrudes only approx. 8 – 10 cm out of the soil for monitoring purposes. Thus, the maximum insertion depth (measuring depth) is less than the specified total length. (This does not apply to small and very small tensiometers.)

The overall length should be adjusted accordingly to avoid temperature influences resulting from tubes that protrude too far out. Due to the different thread connections, the type LM-x is well suited for switching sensors during irrigation control, and can also be combined with the digital manometer for on-site monitoring.

TECHNICAL SPECIFICATIONS:

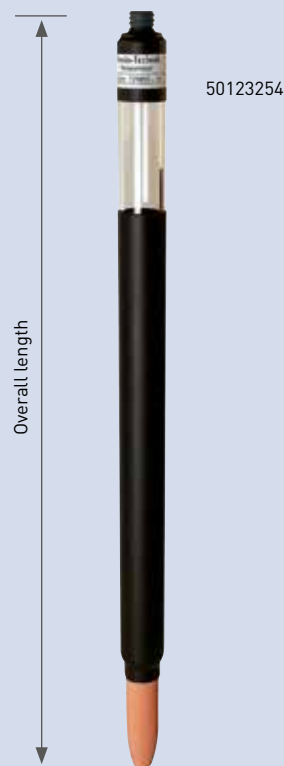
Porous cell::	approx. ø 20 mm x 60 mm, cylindrical with tip
Tube:	ø 25 x 3 mm
Threaded connection:	GL14 for analogue manometers BL for digital manometers IT: one each for GL14 and BL, as integrated T-piece 45° IT45: for two GL14s as integrated T-piece 45°
Overall length:	24/34/44/54/64/74 cm, others available on request
Viewing window:	yes, approx. 7 cm when at least 34 cm, smaller and different when less than 34 cm



Threaded connection GL14



Threaded connection BL



	Type LM-GL for - analogue manometer - E-sensors - M-Sensors / TensioSwitch	Type LM-IT with T-piece Threaded connection - one GL - one BL	Type LM- BL for - digital manometer	Type LM-IT45 with T-piece Threaded connection - two GLs
Overall length	Article number	Article number	Article number	Article number
24 cm	50123224	50123424	50123024	50123124
34 cm	50123234	50123434	50123034	50123134
44 cm	50123244	50123444	50123044	50123144
54 cm	50123254		50123054	
64 cm	50123264		50123064	
74 cm	50123274		50123074	
84 cm	50123284		50123084	
94 cm	50123294		50123094	





Usage	Overall length	Insertion depth
Vegetable crops, soft fruits, small woody plants, root zone	24 cm to 34 cm	approx. 15 cm to 25 cm
Woody plants, trees, root zone	44 cm to 54 cm	approx. 34 cm to 44 cm
Depth measurements for trees, Monitoring seeping (leakage) water	64 cm to 94 cm	approx. 54 cm to 84 cm

