



SOIL MOISTURE MEASUREMENT

The measurement and control of agricultural crop irrigation has a single purpose – to help a grower make more money from his labor and capital. Producing a greater crop yield and quality, lower per unit costs, and conserving resources are by-products of responsible irrigation practices. By using soil measurement devices these and other benefits are easier to acquire. These include:

- Less water used
- Less pumping energy consumed
- Prevention of excessive nutrient leaching
- Prevention of groundwater pollution
- Lower wear and tear on irrigation systems

IRRIGATION-MART carries a variety of soil moisture measurement devices to help growers achieve the items listed above. Below details of each are listed. If you have any questions with soil moisture measurement devices or any irrigation issue give us a call to talk to one of our representative.



The **IRROMETER** (tensiometer) is a tension type sensor and is available in several standard lengths: 6", 12", 18", 24", 36" and 48". The length chosen is dependent on the rooting depth of the crop.

FEATURES:

- Inexpensive
- Easy to use
- Replaceable ceramic tip models available



Tensiometer

Part No	Description	Price
TEN-1001	Service Unit	\$51.00
TEN-1008	Gauge-vacuum	\$24.75
TEN-106	6 Model R	\$72.00
TEN-112	12 Model R	\$75.00
TEN-118	18 Model R	\$77.75
TEN-124	24 Model R	\$80.75
TEN-136	36 Model R	\$86.50
TEN-224	24 Model SR	\$87.25
TEN-512-E	12 Model LT with Electric Output	\$153.00
TEN-SRT	Replacement Tip	\$10.00

The **WATERMARK SENSOR** (granular matrix sensor) is an electrical resistance type sensor. These sensors can be read one by one with a digital handheld meter, they can be linked together wirelessly and downloaded on site via data logger, or they can be setup for total automation using a personal website for 24/7 access.

FEATURES:

- Versatile setup options
- Automated systems for large crops
- Reports via several mediums
- Variable report formats (including graphical)



Watermark

Part No	Description	Price
TEN-200SS-5	5FT Watermark Sensor	\$33.00
TEN-200SS-V	10FT Watermark Sensor Voltage Version	\$79.00
TEN-30-KTCD-NL	Watermark Meter-Non Linear	\$280.00
TEN-900M	Watermark Monitor	\$665.25
TEN-900M-BP-10W	Battery Pack 10Watt with Solar Charge	\$495.00
TEN-900M-SG	Satelite Gateway Watermark Monitor	\$1,000.00