

EFFECTIVE JANUARY 1, 2018 — All Products Made in U.S.A., except where indicated.† Supersedes all previous price lists. All product labeling and instructions printed in English except where indicated.

This catalog reflects standard models of instruments held in stock for quicker order fulfillment. Other models are available by special order. Please call the factory for IRROMETER Models R, S and TG.

IRROMETER® SOIL MOISTURE SENSORS

IRROMETER® measures soil water tension which indicates plant water availability. The white tipped STANDARD is for general use with row, tree and field crops. The blue tipped LOW TENSION is designed for situations where tensions above 30 cb (kPa) are rarely expected, such as in very course soils and non-soil container media. Both IRROMETERS have threaded replaceable tips, include a reservoir, air free gauge chamber, and hermetically sealed Vacuum Gauge with ranges of 0-100 cb (kPa) for the STANDARD and 0-40 cb (kPa) for the LOW TENSION.



STANDARD



LOW TENSION



MLT

MINIATURE LOW TENSION IRROMETER® is compact size and has a replaceable Quick-Flo Tip to make it the best choice for small container applications. *Refer to product specification sheet for details.*

MANUAL GAUGE



AUTOMATIC GAUGE



VOLTAGE OUTPUT



CURRENT OUTPUT



SR DEPTH	CAT #	PRICE
6" (15 cm)	206	78.50
12" (30 cm)	212	82.00
18" (45 cm)	218	85.25
24" (60 cm)	224	88.50
36" (90 cm)	236	95.00
48" (120 cm)	248	101.50
LT DEPTH	CAT #	PRICE
6" (15 cm)	506	87.25
12" (30 cm)	512	90.50
18" (45 cm)	518	93.75
24" (60 cm)	524	97.00
MLT DEPTH	CAT #	PRICE
MINI	MLT	65.50

SR DEPTH	CATALOG #	PRICE
6" (15 cm)	206-A *	130.50
12" (30 cm)	212-A *	134.00
18" (45 cm)	218-A *	137.25
24" (60 cm)	224-A *	140.50
36" (90 cm)	236-A *	147.00
48" (120 cm)	248-A *	153.50
LT DEPTH	CATALOG #	PRICE
6" (15 cm)	506-A *	139.25
12" (30 cm)	512-A *	142.50
18" (45 cm)	518-A *	145.75
24" (60 cm)	524-A *	149.00
MLT DEPTH	CATALOG #	PRICE
MINI	MLT-A *	111.75

SR DEPTH	CATALOG #	PRICE
6" (15 cm)	206-RSU-V	121.50
12" (30 cm)	212-RSU-V	125.00
18" (45 cm)	218-RSU-V	128.25
24" (60 cm)	224-RSU-V	131.50
36" (90 cm)	236-RSU-V	138.00
48" (120 cm)	248-RSU-V	144.50
LT DEPTH	CATALOG #	PRICE
6" (15 cm)	506-RSU-V	125.75
12" (30 cm)	512-RSU-V	129.00
18" (45 cm)	518-RSU-V	132.25
24" (60 cm)	524-RSU-V	135.50
MLT DEPTH	CATALOG #	PRICE
MINI	MLT-RSU-V	98.25

SR DEPTH	CATALOG #	PRICE
6" (15 cm)	206-RSU-C	234.50
12" (30 cm)	212-RSU-C	238.00
18" (45 cm)	218-RSU-C	241.25
24" (60 cm)	224-RSU-C	244.50
36" (90 cm)	236-RSU-C	251.00
48" (120 cm)	248-RSU-C	257.50
LT DEPTH	CATALOG #	PRICE
6" (15 cm)	506-RSU-C	238.75
12" (30 cm)	512-RSU-C	242.00
18" (45 cm)	518-RSU-C	245.25
24" (60 cm)	524-RSU-C	248.50
MLT DEPTH	CATALOG #	PRICE
MINI	MLT-RSU-C	211.25

IMPORTANT NOTICE

Service Unit should be purchased with initial order (see page 2). Only one service unit is necessary to service all of your IRROMETERS.

*AUTOMATIC GAUGE provides direct switching capabilities. To complete catalog number please use:

- *AS w/AC switch closed past setting
 - *AR w/AC switch open past setting
 - *DS w/DC switch closed past setting
 - *DR w/DC switch open past setting
- Refer to product specification sheet for details.*

RSU-V REMOTE SENSING UNITS are designed to show soil moisture levels by converting the reading to a voltage signal. *Refer to product specification sheet for details.*

RSU-C REMOTE SENSING UNITS are designed to show soil moisture levels by converting the reading to a current signal. *Refer to product specification sheet for details.*

For longer lengths on any IRROMETER (other than MLT)
Add 6.50 per foot (30 cm) — Find Options and Accessories on Page 2

IRROMETER® SERVICE UNITS

A Service Unit is necessary for proper operation of the IRROMETER® instrument and should be included on initial orders. One unit will service ALL of your IRROMETERS.

The Standard Service Unit is used during initial installation and then periodically for removal of air from instrument to ensure maximum sensitivity and accuracy. The Test Pump Service Unit serves the dual purpose of removing air and testing the gauge in one operation.



STANDARD SERVICE UNIT
Catalog #1001.....**56.00**

Includes:

- 1 Hand Vacuum Pump
- 1 Bottle IRROMETER® Fluid
- 25 Monthly Chart Forms
- 1 Reference Book.

(Available in Spanish, specify #1001-SP)



TEST PUMP SERVICE UNIT
Catalog #1002.....**85.00**

Includes: Same items as #1001, except Hand Vacuum Pump is equipped with test gauge.

MLT SERVICE UNIT (not shown)
Catalog #1007.....**15.00**

Includes: Same items as #1001, except Vacuum Pump is syringe style.

IRROMETER® ACCESSORY ITEMS

CAT #	ITEM	PRICE
1003	Test Pump Adapter	34.25
1004	IRROMETER Fluid (1 oz. concentrate)..	4.75/btl
1004-L	IRROMETER Fluid (6 oz. concentrate)	18.25/btl
1005	Chart Forms (MONTHLY).....	6.25/pad
P-2001	Portable IRROMETER.....	180.50

IRROMETER® Vacuum Gauges

1008	Replacement Gauge (0-100 cb[kPa]).....	26.00
1008-A	* __Automatic Gauge (0-100 cb[kPa])....	78.00
	with switching capabilities (specify as listed on page 1)	
1008-LT	Replacement Gauge (0-40 cb[kPa])	30.50
	for LT IRROMETER	
1008-LT-A	* __Automatic Gauge (0-40 cb[kPa]).....	82.50
	for LT IRROMETER – with switching capabilities (specify as listed on page 1)	

CAT #	ITEM	PRICE
1008-MLT	Replacement Gauge (0-40 cb[kPa])	36.25
	for MLT IRROMETER®	
1009-__	Replacement Solid State Switch only ..	40.00
	for Automatic Gauges (A for AC or D for DC)	
1010-S	Replacement Automatic Gauge.....	38.00
	Standard action without switch	
1010-R	Replacement Automatic Gauge.....	38.00
	Reverse action without switch	

RSU REMOTE SENSING UNITS (V & C)

RSU-C-34-1/8	0-34 cb (kPa).....	182.00
	for use with MLT IRROMETER (1/8 NPT)	
RSU-C-34-1/4	0-34 cb (kPa).....	182.00
	for use with LT IRROMETER (1/4 NPT)	
RSU-C-93-1/4	0-93 cb (kPa).....	182.00
	for use with SR IRROMETER (1/4 NPT)	
RSU-V-1/8	Voltage Option for MLT	69.00
RSU-V-1/4	Voltage Option for SR or LT	69.00

CAT #	ITEM	PRICE
REPLACEMENT TIPS & OTHER ITEMS		
SRT	SR Replacement Tip	10.00
QFSRT	LT Replacement Tip	14.00
MLT-TIP	MLT Replacement Tip	14.50
CAP	IRROMETER Cap and Stopper Assembly	6.50
STOP	Stoppers.....	7.25/doz
SR-O	O-Ring (SR/LT).....	5.50/doz

*Refer to page 1 Automation and Output choices section, to complete the catalog number. Contact factory for switch calibration information.

IRROMETER® SOIL SOLUTION ACCESS TUBES

Call the factory for Soil Solution Access Tubes without suction lines or Series A tubes longer than 72" (180 cm).

SSAT — For easy extraction of soil solution samples when testing salinity levels or plant nutrients in soil water, now with two series to choose from. Both series A and B require a vacuum source. (see options below)

LENGTH	STANDARD TENSION		LOW TENSION		SERIES B		SERIES B – LT	
	Single Line	Double Line	Single Line	Double Line	CAT #	PRICE	CAT #	PRICE
6" (15 cm)	A6C..... 28.50	A6C-DBL..... 36.50	A6C-LT..... 32.50	A6C-LT-DBL..... 40.50	B6C..... 45.25		B6C-LT..... 49.25	
12" (30 cm)	A12C..... 28.50	A12C-DBL..... 36.50	A12C-LT..... 32.50	A12C-LT-DBL..... 40.50	B12C..... 45.25		B12C-LT..... 49.25	
18" (45 cm)	A18C..... 28.50	A18C-DBL..... 36.50	A18C-LT..... 32.50	A18C-LT-DBL..... 40.50	B18C..... 45.25		B18C-LT..... 49.25	
24" (60 cm)	A24C..... 28.50	A24C-DBL..... 36.50	A24C-LT..... 32.50	A24C-LT-DBL..... 40.50	B24C..... 45.25		B24C-LT..... 49.25	
36" (90 cm)	A36C..... 32.35	A36C-DBL..... 40.35	A36C-LT..... 36.35	A36C-LT-DBL..... 44.35	B36C..... 49.10		B36C-LT..... 53.10	
48" (120 cm)	A48C..... 36.20	A48C-DBL..... 44.20	A48C-LT..... 40.20	A48C-LT-DBL..... 48.20				
60" (150 cm)	A60C..... 40.05	A60C-DBL..... 48.05	A60C-LT..... 44.05	A60C-LT-DBL..... 52.05				
72" (180 cm)	A72C..... 43.90	A72C-DBL..... 51.90	A72C-LT..... 47.90	A72C-LT-DBL..... 55.90				

Series A has vinyl suction line with rubber stopper seal and pinch clamp closure.

Series B has polyethylene/neoprene suction line with threaded compression seal and ball valve closure.

ACCESSORIES FOR SOIL SOLUTION ACCESS TUBES

CAT #	SERIES A	PRICE	CAT #	SERIES B	PRICE
SLA	Suction Line Assembly (to 24").....	10.00	SLT-B	Bulk Polyethylene Suction Line Tubing ..	25.50/CFT
	For longer length, Add 0.25 per foot (30cm)		DLT-B	Bulk Neoprene Discharge Line Tubing ..	221.00/CFT
SLT-A	Bulk Vinyl Suction Line Tubing	25.00/CFT	BV	Ball Valve	14.75 CS
FC	Finger Clamp	2.50		Compression Seal.....	2.50
SGL-STOP	Single Hole Stopper.....	10.50 per doz.			
DBL-STOP	Double Hole Stopper	13.00 per doz.			

The **SSAT Vacuum Pump** (CAT. #1002-SSAT) is required to create a sufficient vacuum. Spanish instructions available specify 1002-SSAT-SP.

1002-SSAT SSAT Vacuum Pump **85.50**

The **DS-50CC Extraction Syringe** is used primarily to extract soil solution from SSAT Tube and can also be used to create a partial vacuum on shorter tubes [12 in. (30 cm) or less]. For SSAT Tubes longer than 12in. (30cm), use SSAT Vacuum Pump (1002-SSAT).

DS-50CC† Extraction Syringe **5.50**