

Smart (S-SMx-M005)

Smart
 HOBO,
 Smart.
 ECH₂O[®],
 Smart
 Decagon Devices, Inc
 Onset.



	S-SMA-M005	S-SMB-M005	S-SMC-M005
Length	0.405 ±0.001 (±0.2%)	0.450 ±0.001 (±0.2%)	0.550 ±0.001 (±0.2%)
Weight	1.4475 ±0.020 (±1.4%)	1.964 ±0.020 (±1.0%)	2.574 ±0.020 (±0.8%)
Accuracy	±0.041 (±4%), +50°C	±0.041 (±4%), +50°C	±0.031 (±3%), +50°C
Resolution	±0.020 (±2%)	±0.020 (±2%)	±0.020 (±2%)
Accuracy	±0.0004 (±0.04%)	±0.0006 (±0.06%)	±0.0007 (±0.07%)
Dimensions	254 x 32 x 1.0	152 x 32 x 1.0	89 x 15 x 1.5
Weight	200	190	180
Decagon ECH ₂ O	EC-20	EC-10	EC-5

Operating Temperature	0° to +50°C
Storage Temperature	-40° to +75°C
Resolution	12
Accuracy	1
Possible delay	5
Smart*	0,5

* HOBO 100, Smart 15, Smart

Smart

1:

« ».

2:

ECH₂O, ±0.04 ^{3/ 3}(±0.02 ^{3/ 3}
 Smart ±0.001 ^{3/ 3} +25°C.
)
 ECH₂O
 ±0.003 ^{3/ 3}/°C, <0.001 ^{3/ 3}/°C. (
 Smart .)

3:

ECH₂O, ±0.03 ^{3/ 3}(±0.02 ^{3/ 3}
 Smart ±0.001 ^{3/ 3} +25°C.
)
 ECH₂O
 ±0.003 ^{3/ 3}/°C, <0.001 ^{3/ 3}/°C. (
 Smart .)

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Smart

8

8

ECH₂O:

1.

2.

3.

4.

5.

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Smart

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-
-
-

Smart

HOBO

1- -2 (S-ADAPT),

HOBO

15

HOBO.

0 +50°C.

-40°C;

+75°C,

Smart

Smart

0 0.5 ^{3/ 3} (0.3

EC-5).

0 0.1 ^{3/ 3}

0.4 ^{3/ 3} (

EC-10 EC-20),

(

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Calibrating ECH₂O Soil Moisture Probes

http://www.onsetcomp.com/files/support/pdfs/Soil_calibration.pdf

- 1.
- 2.
- 3.
- 4.

status ().

S-SMA-M005	-0.119	-0.106	+0.356	+0.404
S-SMB-M005	-0.147	-0.128	+0.401	+0.466
S-SMC-M005	-0.193	-0.139	+0.521	+0.557

- 5.

ECH₂O

Onset

Onset.

Onset

(RMA)