

Water Intrusion (Immersion)

Prepared for: Seahorse Attention: Flavio Valencia	Test dates
	Start: 6/1/2004 Completion: 6/24/2004
	Environ test number: 31027-1E Rev.1
	Purchase order number: 7420 Purchase date: 4/28/2004

This document shall not be reproduced except in full, without the written authorization of Environ Laboratories LLC.

Environ Laboratories LLC certifies that eleven Plastic Cases were subject to a Water Intrusion (Immersion) Test in accordance with MIL-STD-810F, dated May 5, 2003, Method 512.4, Procedure I—Immersion, as requested in Seahorse purchase order 7420, dated April 28, 2004.

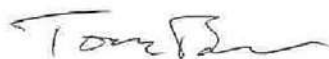
Manufacturer	Seahorse
Device	Eleven (11) Plastic Cases
Model/part number	SE120, SE300, SE520, SE710, SE720, SE1220, SX120, SX300, SX520, SX710, SX720
Serial number	N/A

The results of this test apply only to the units identified in this Engineering Report by device identifier and model / part number, or serial number.

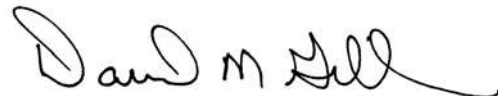
Test units meeting the requirements of the test are as follows:

Table 1: Test results

Water Immersion (MIL-STD-810F)	
SE120	SX120
SE300	SX300
SE710	SX520
SE720	SX710
SE1220	SX720



Tom P. Braun, Test Engineer



David M. Gillen, Vice President

Instrumentation

All instrumentation is calibrated regularly by instruments directly traceable to the National Institute of Standards and Technology, and in accordance with *MIL-I-45208A*, *ANSI/NCSL Z540.3-2006*, and *ISO/IEC 17025: 2005*.

Equipment Number	Description	Manufacturer	Model Number	Last Calibration	Due Calibration	Range
400-024	Stopwatch	Radio Shack	63-5014	4/27/2004	4/27/2005	0 to 10 hours
400-029	Stopwatch	Radio Shack	63-5014	4/27/2004	4/27/2005	0 to 10 hours
504-038	Dust Chamber	TRW	D-6	N/A	N/A	1 cubic meter
710-127	Pressure Gauge	Ashcroft	Q-114	5/4/2004	8/4/2004	0 to 5 PSIG
710-202	Digital Pressure Gauge	Meriam Instruments	2110-AI2000	3/26/2004	3/28/2005	0 to 2000 mmHg
717-040	Flowmeter	Sierra Instruments	821-1	6/11/2003	6/11/2004	0 to 500 SCCM