

## Water Intrusion (Immersion)

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

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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.

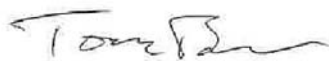
<b>Manufacturer</b>	Seahorse
<b>Device</b>	Eleven (11) Plastic Cases
<b>Model/part number</b>	SE120, SE300, SE520, SE710, SE720, SE1220, SX120, SX300, SX520, SX710, SX720
<b>Serial number</b>	N/A

*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.*

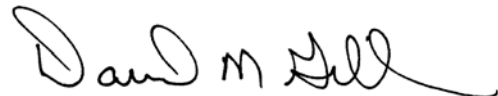
Test units meeting the requirements of the test are as follows:

**Table 1: Test results**

Water Immersion ( <i>MIL-STD-810F</i> )	
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