



ALL RIGHTS RESERVED. NO PORTION OF THIS PUBLICATION, WHETHER IN WHOLE OR IN PART, CAN BE REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF SPC TECHNOLOGY.

SPC-F005.DWG

REVISIONS

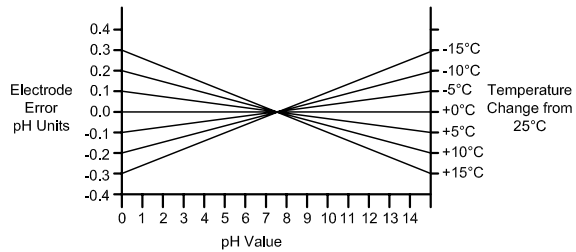
DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1491	A	RELEASED	JWM	8/11/03	HO	9/16/03	DJC	9/16/03



Specifications

- Display: 12.5mm LCD, 3-1/2 Digits
  - Range: 0 to 14pH
  - Resolution: 0.01pH
  - Accuracy (15°C to 35°C): ±0.07pH (pH5 ~ pH9)  
after calibration at 25°C ±0.1pH (pH4 ~ pH10)  
±0.2pH (pH1 ~ pH3.9, pH10.1 ~ pH13)
  - Sampling Time: Approx. 0.4 seconds
  - Operating Temp.: 0°C ~ 50°C (32°F~122°F)
  - Operating Humidity: Max. 90% RH (0°C ~ 35°C)  
Max. 80% RH (35°C ~ 50°C)
  - Power Supply: 006P DC 9V Battery
  - Power Consumption: Approx. DC 2mA
  - Weight: Approx.: 153g [0.34lb] including battery
  - Includes Operation Manual
  - Probe Sold Separately (72-6784)
- Note: Any combination pH Electrode with a male BNC connector can be used



H+ (Hydrogen Ions) Acid						Neutral		OH- (Hydroxyl Ions) Alkaline						
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
+	+	+	+	+	+	+	00	-	-	-	-	-	-	-
414	355	296	237	177	118	59	00	59	118	177	237	296	355	414

DISCLAIMER:  
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jeff McVicker	8/11/03
CHECKED BY:	DATE:
Hisham Odish	9/16/03
APPROVED BY:	DATE:
Daniel Carey	9/16/03

DRAWING TITLE:

pH Meter

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6783	17C6507.dwg	A
SCALE: NTS	U.O.M.: Millimeters	SHEET: 1 OF 1	