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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	12/30/03	HO	2/11/04	CG	2/17/04



Display	LCD, 18mm (0.7") digit size, 5 digits with annunciator		
Measuring Range & Resolution	Units	Range	Resolution
	Ounces (oz.)	0.005 oz. To 9.9995 oz.	0.0005 oz.
		10.000 oz. To 10.581 oz.	0.001oz.
Minimum Display Weight	Ounces (oz.)	0.005 oz.	
Accuracy*	± (0.05% + 0.0015 oz.)		
Sampling Time	Approx. 1 second		
Tare Control	Approx. 10.58 oz. Max.		
Transducer	Load cell		
Circuit	Microprocessor Circuit		
Auto-Calibration	Use 100g or 200g standard weight to execute self-calibration automatically		
Operating Temperature	0°C to 50°C [32°F ~ 122°F]		
Operating Humidity	Less than 80% R.H.		
Size	Cabinet	250mm x 180mm x 70mm	
	Platform	Round, 120mm Dia.	
Power Supply	6x 1.5V AA (UM-3) batteries or DC 9V adapter, <i>Neither Supplied</i>		
Power Consumption	Approx. DC 25mA		
Optional Accessories	RS-232 Software (p/n 72-6701A)		
	RS-232 Cable (p/n 72-6702)		

*Within two hours after self-calibration is executed at 23°C $\pm 5^\circ\text{C}$

Spec. tested under the environment RF Field Strength of less than 3 V/M and frequency of less than 30MHz only

FEATURES:

- Microprocessor circuit with high accuracy and better performance
- 0.0005 oz. resolution and wide measuring capacity
- Large LCD display, 18mm [0.7"] digit size, easy read-out
- Built-in self-calibration system, the calibration value is memorized in EEPROM circuit permanently
- High precision counting scale function
- RS-232 computer interface
- Accepts battery or AC/DC adapter power source
- Built-in "level bubble" and adjustable rubber pads
- Heavy duty ABS housing plastic case

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TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:

Jeff McVicker

DATE:

12/30/03

CHECKED BY:

Hisham Odish

DATE:

2/11/04

APPROVED BY:

Chris Gloger

DATE:

2/17/04

DRAWING TITLE:

Digital Scale with RS-232 Capability

SIZE DWG. NO.

A

72-7255

ELECTRONIC FILE

16H5083.dwg

REV

A

SCALE: NTS

U.O.M.: Millimeters

SHEET: 1 OF 1