DIGITAL CONVERSION ADDENDUM FOR PORTABLE DIGITAL SCALER OPTION (MODEL 3, 3A, 5, 12, 14C, 15, 16, & 18) Revised August 2014

DIGITAL CONVERSION ADDENDUM FOR PORTABLE DIGITAL SCALER OPTION (MODEL 3, 3A, 5, 12, 14C, 15, 16, & 18) Revised August 2014



LUDLUM MEASUREMENTS, INC.

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DESIGNER AND MANUFACTURER OF

Scientific and Industrial Instruments

Digital Conversion Addendum August 2014

This unit has been modified to add a scaling digital readout in addition to its analog meter. The 5 ½ digit scaler readout can display counts up to "199999." Any count greater than 199999 will generate an overflow and will be shown on the LCD display as a "←199999."

When the unit is turned on, the following will be displayed on the LCD display:

- Test of all LCD segments
- Program number (example 36301)
- Program revision (example n02)
- The current setting of the count-time rotary switch (0.1, 0.5, 1, 2, or 10)
- "0" zero, indicating the unit is ready

The scaling time is selected by a rotary swtch mounted on the bezel. the selections are 0.1, 0.5, 1, 2, and 10-minute counts. The count is started by depressing and releasing the button mounted at the end of the instrument handle. The scaling accuracy is 2% of reading or better. The count can be stopped by pressing and releasing the count button a secont time.

When added to a unit with a window, or upper level discriminator control, the count is the result of the window setting. When the WIN switch is in the IN position, only the pulses within the window are counted. When the window is in the OUT position, all pulses are counted.

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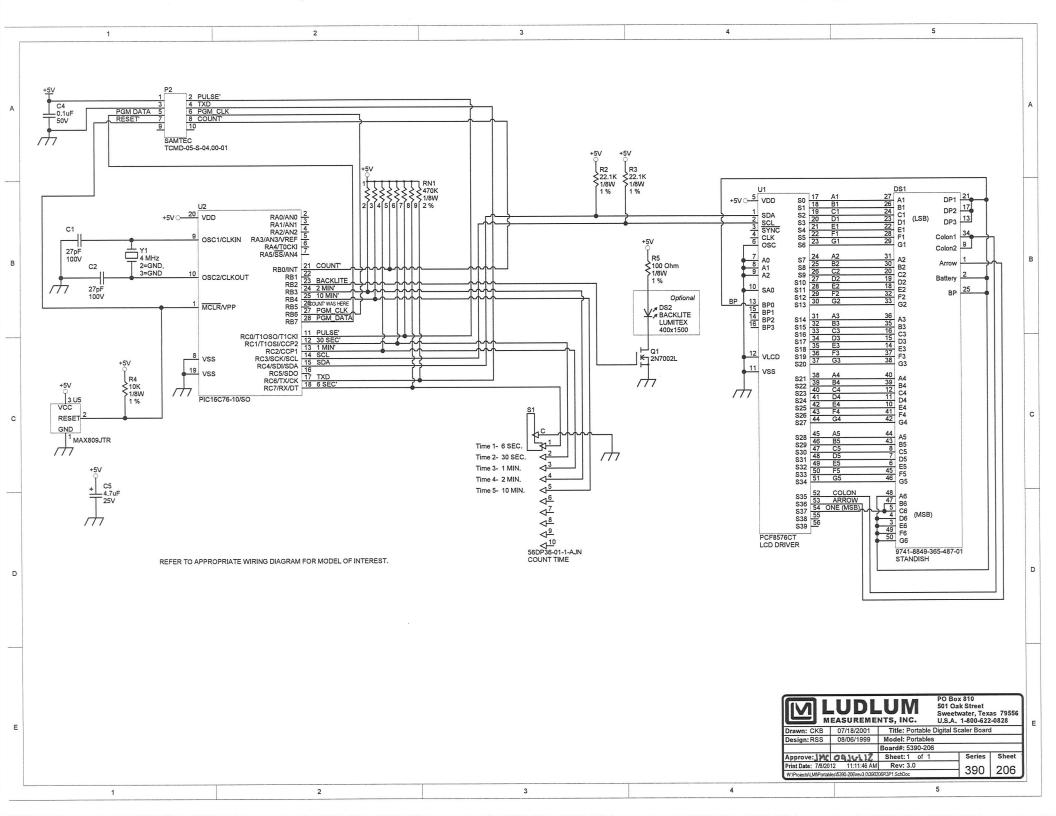
DESIGNER AND MANUFACTURER OF

Scientific and Industrial *Instruments*

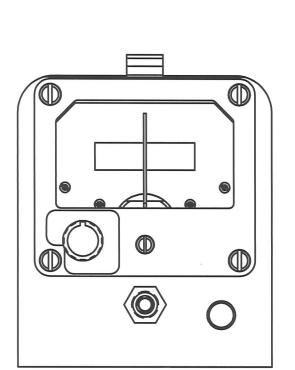
Parts List

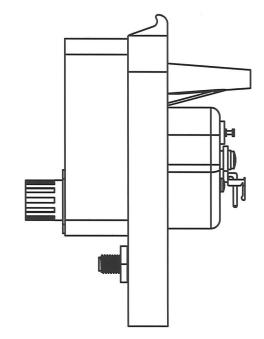
*	Portable Scaler Option	4464-114
Quantity	Description	Part No.
1	Knob	08-6601
1	RECPT-142-0701-406	18-8443
1	Meter-Zero Adjust	15-8065
2	Screw-2-56 X 1/8 FIL	17-8927
4	Screw-6-32 X 1 1/8 BH	17-8929
2	Screw-2-56 X ½ FIL HD	17-8960
2	Spacer-2-56 X .50 M-F	18-9112
2	Spacer-#2 X .187 NYL	18-9143
2	Wash-#4 (#5) Nylon Flat	20-9012
1	Portable Bezel w/glass (Dig)	4464-125
1	Portable Digital Display Board	5390-206
1	Portable Digital Interconnect Board	5390-261
1	Portable Digital Meter Face	7464-124
1	Harness-Portable Scaler Option	8464-140
1	Digital Nameplate	9363-714

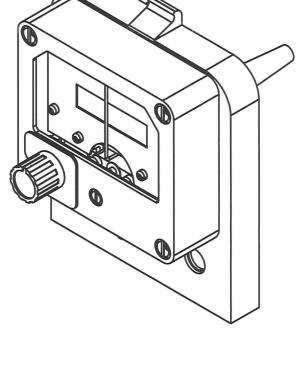
FEIN 75-1085764



F	REV #	ALTERATIONS	DATE	BY
	1	VALID	3/14/02	DSW







| DVN | DATE | CHK | DATE | DS | 3/14/02 | Ab | 3-/4-0 | APP | DATE | DVG | NUM: | 4464-114 | SCALE: | TIHER | 1=0.75

TITLE PORTABLE SCALER OPTION

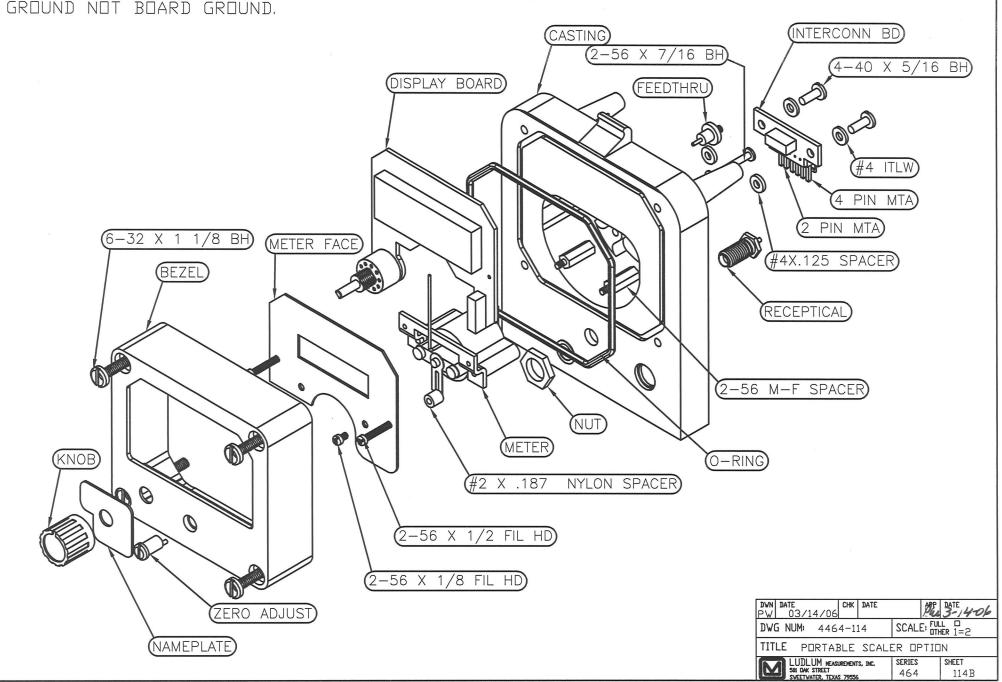
LUDLUM NEASUREMENTS, INC. SERIES SHEET SPECIAL SPECIAL

 REV #
 ALTERATIONS
 DATE
 BY

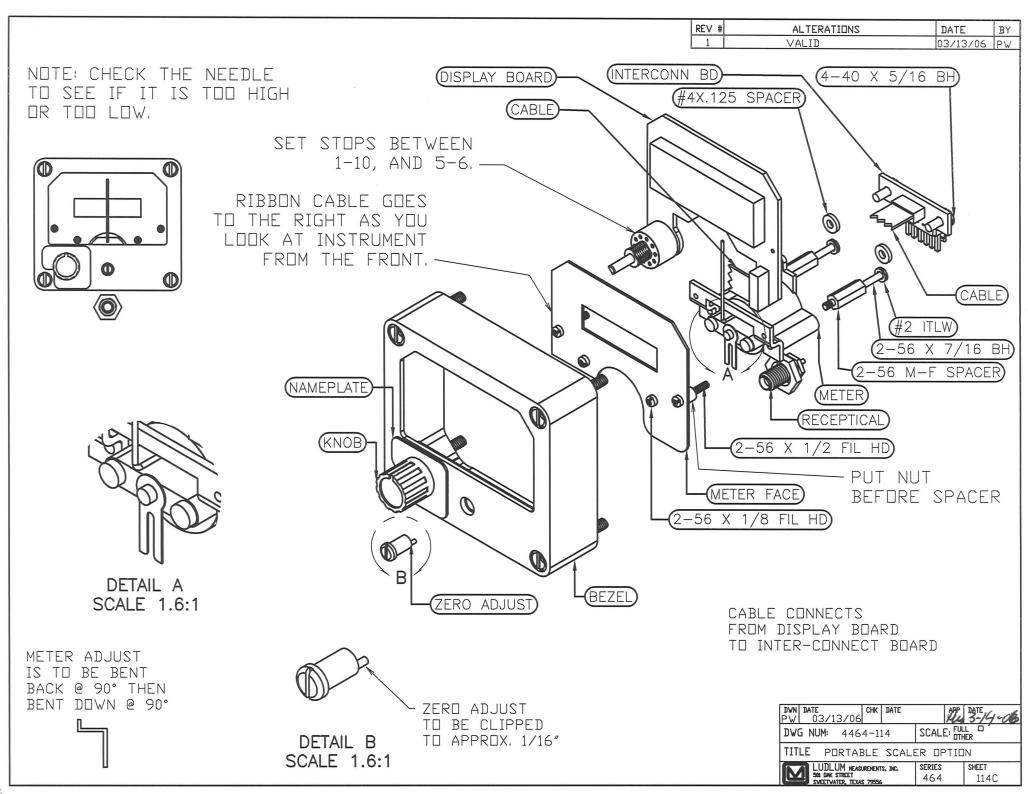
 1
 VALID
 09/01/05 PW

 2
 ECF# 1863
 1/30/06 CMC

NOTE: ON THROUGH HOLE BOARDS ATTACH THE BLK WIRE ON THE 4 PIN MTA CONNECTOR TO CHASSIS GROUND NOT BOARD GROUND.



17



NE