



**Digital Stand-On  
Sit-Down Scale  
Models 6868/6868KGEU  
Operating Instructions**



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# FCC COMPLIANCE STATEMENT

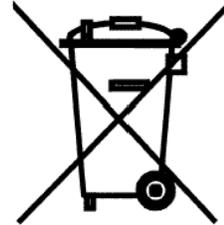
This equipment generates uses, can radiate radio frequency, and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been designed within the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC rules to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference, in which case the user will be responsible to take whatever measures necessary to correct the interference.

You may find the booklet "How to Identify and Resolve Radio TV Interference Problems" prepared by the Federal Communications Commission helpful. It is available from the U.S. Government Printing Office, Washington, D.C. 20402. Request stock No. 001-000-00315-4.

## PROPER DISPOSAL

When this device reaches the end of its useful life, it must be properly disposed of. It must not be disposed of as unsorted municipal waste. Within the European Union, this device should be returned to the distributor from where it was purchased for proper disposal. This is in accordance with EU Directive 2002/96/EC. Within North America, the device should be disposed of in accordance with the local laws regarding the disposal of waste electrical and electronic equipment.

It is everyone's responsibility to help maintain the environment and to reduce the effects of hazardous substances contained in electrical and electronic equipment on human health. Please do your part by making certain that this device is properly disposed of. The symbol shown to the right indicates that this device must not be disposed of in unsorted municipal waste programs.



## COPYRIGHT

All rights reserved. Reproduction or use, without expressed written permission, of editorial or pictorial content, in any manner, is prohibited. No patent liability is assumed with respect to the use of the information contained herein.

## DISCLAIMER

While every precaution has been taken in the preparation of this manual, the Seller assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from use of the information contained herein. All instructions and diagrams have been checked for accuracy and ease of application; however, success and safety in working with tools depend to a great extent upon the individual accuracy, skill and caution. For this reason the Seller is not able to guarantee the result of any procedure contained herein. Nor can they assume responsibility for any damage to property or injury to persons occasioned from the procedures. Persons engaging the procedures do so entirely at their own risk.

<b>Serial Number</b> _____
<b>Date of Purchase</b> _____
<b>Purchased From</b> _____
_____
_____
RETAIN THIS INFORMATION FOR FUTURE USE

<h3>PRECAUTIONS</h3> <p>Before using this instrument, read this manual and pay special attention to all "NOTIFICATION" symbols:</p> <div style="display: flex; align-items: center;"><span style="margin-left: 20px;">IMPORTANT</span></div>
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# DIGITAL STAND-ON/SIT-DOWN SCALE

Thank you for purchasing our Model 6868/6868KGEU Digital Stand-On/Sit-Down Scale. It has been manufactured with quality and reliability and has been tested before leaving our factory to insure accuracy and dependability for years to come.

This manual is provided to guide you through the operation of your scale. Please read it thoroughly before attempting to operate your scale and keep it handy for future reference.

## SPECIFICATIONS

### Model 6868

Capacity:	1000 lb x 0.2 lb (360 kg x 0.1 kg)
Platform Size:	32"W x 34"D (81cm W x 86cm D) with non-slip rubber mat
Display:	Six digit, Seven segment, 0.7 inch (17.8 mm) high LCD
Power:	6 "AA" size Alkaline, Ni-Cad or NiMH batteries ( <i>not included</i> ) OR an optional 100 to 240 VAC 50/60Hz 12 VDC 1A wall plug-in UL/CSA listed AC power adapter (Cardinal part number 6800-1045)
Keyboard:	Membrane type with 5 keys, On/Off, Lock/Release, Units, Zero, BMI/Enter and 4 directional arrows
Flip-up Seat Weight Capacity Rating:	1,000 lb / 450 kg

### Model 6868KGEU

Capacity:	360 kg x 0.1 kg
Platform Size:	81cm W x 86cm D (32"W x 34"D) with non-slip rubber mat
Display:	Weight: 5 digit, seven segment, 22.23 mm (7/8") high LCD Height: 4 digit, seven segment, 12.7 mm (1/2") high LCD BMI: 3 digit, seven segment, 12.7 mm (1/2") high LCD ID: 14 digit, 14 segment, 8.89 mm (.35") high LCD
Power:	6 "C" cell Ni-Cad or NiMH batteries ( <i>not included</i> ) OR an optional 12 VDC 1.25A wall plug-in AC power adapter (Cardinal part number MV2PWR).
Keyboard:	Membrane type with 19 keys, On/Off, Zero, Units, Lock/Release, Net/Gross, Tare, ID/Height, Print/Enter, Clear, and 0-9 Numeric Keys
Flip-up Seat Weight Capacity Rating:	1,000 lb / 450 kg

## UNPACKING INSTRUCTIONS

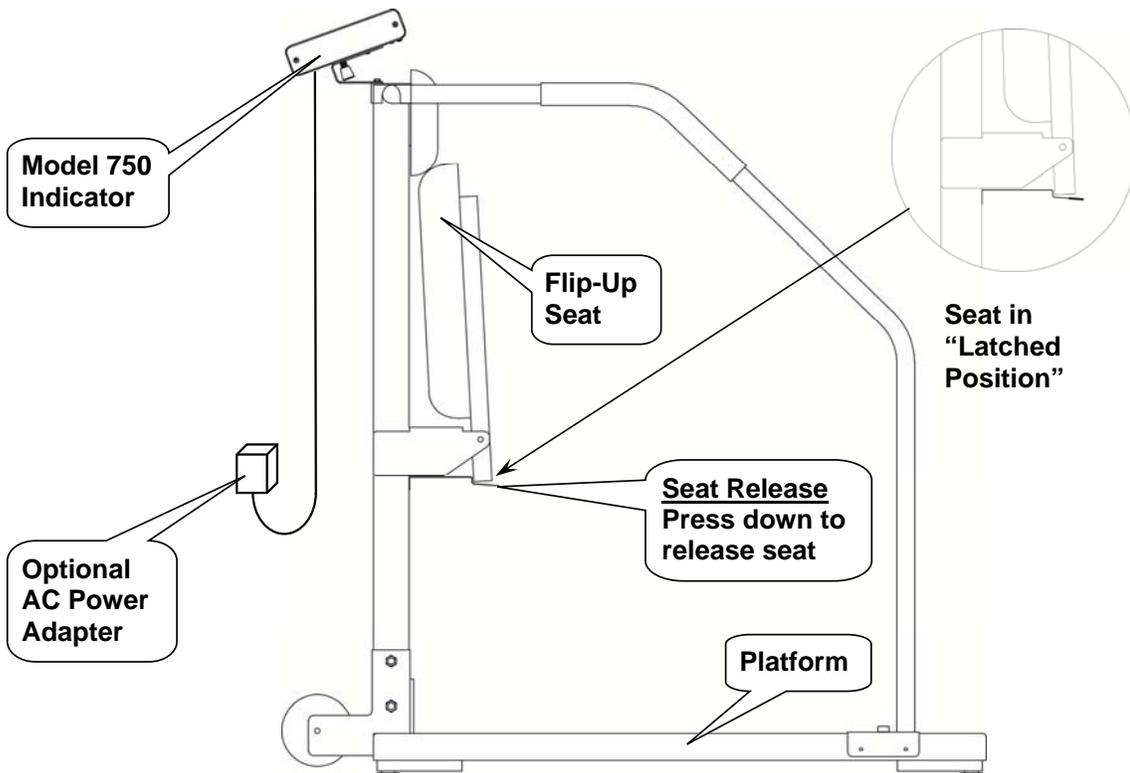
- Remove staples or cut along bottom of carton. Lift carton off pallet.
- Check for any damage incurred in shipping. If scale has been damaged, place a claim with the carrier. *It is the responsibility of the purchaser to file all claims for any damages or loss incurred during transit.* Use the original carton and shipping material to return the scale.
- Cut packing straps securing scale to pallet.
- To remove scale from pallet, at the back of the scale lift up with equal force from the column and at the platform base near the wheels on the scale. Set gently on floor.
- Remove all plastic wrapping, foam fillers and cardboard material from the scale.
- Remove and unpack the AC power adapter, if the scale was ordered with this option.

## CARE AND CLEANING OF SCALE

- **DO NOT** subject the platform to sudden shocks.
- **DO NOT** spray water directly on the display.
- **DO NOT** use abrasive cleaners on this instrument.
- **DO NOT** use acetone or other volatile solvents for cleaning.
- **DO** clean the scale using a damp soft cloth and mild detergent.
- **DO** avoid areas where the scale might be exposed to moisture.

# OPERATING INSTRUCTIONS

## Model 6868 with 750 Indicator (Shown with Seat in Stand-On Position)



**WARNING!** Attendant must assist patient onto and off scale platform or onto and off scale seat. **NEVER** leave a patient unattended while they are on the scale platform or the scale seat. Failure to maintain control of the patient at all times can result in serious injury to you and/or the patient.

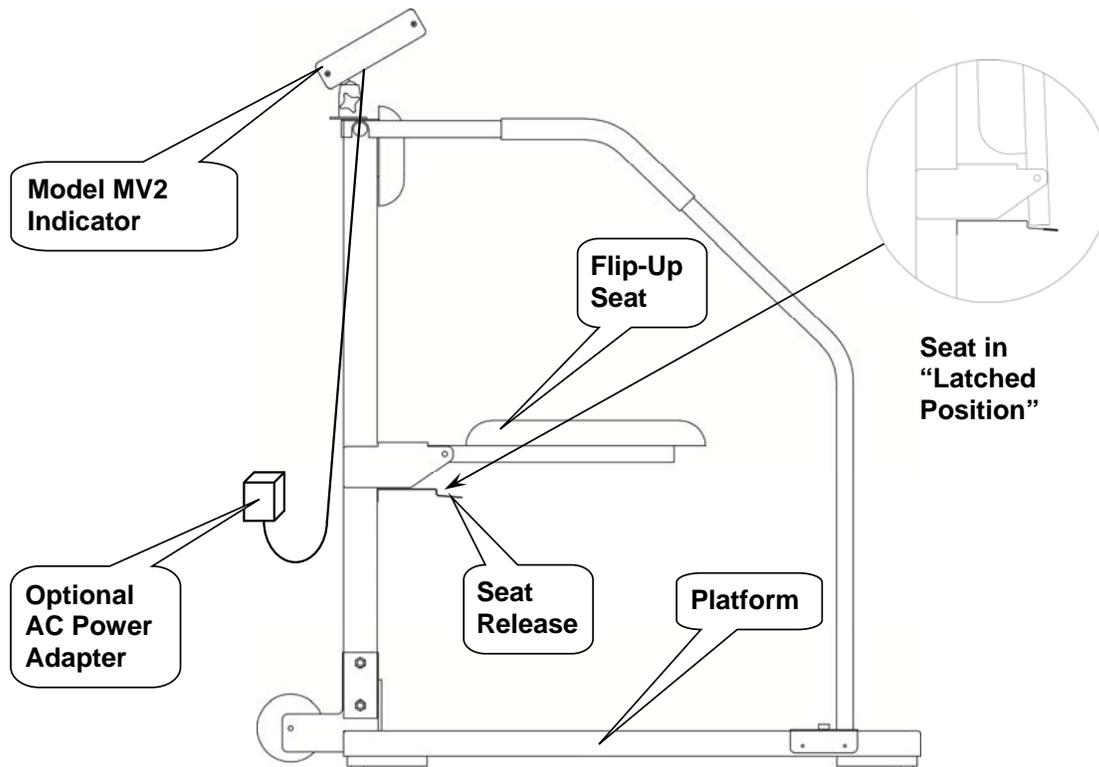
1. Install six (6) "AA" size batteries or if ordered with the scale, plug the small connector end of the power supply cord into the power jack located in the bottom right corner at the back of the indicator, then plug the power supply module into an appropriate power receptacle. **NOTE:** DO NOT connect a power supply to the indicator if alkaline batteries are installed.
2. Install the indicator on the scale bracket and then connect the load cell cable.

**NOTE:** For more information on installing the batteries, connecting the power supply cord, mounting the indicator on the scale bracket or connecting the load cell cable, refer to the 750 Owner's Manual, 8555-M483-O1.

3. Place the scale on any hard, level, flat surface or low-cut carpet.
4. With no weight on the scale, press the **ON/OFF** key. After a second or so the display should indicate a zero weight with the **ZERO** annunciator turned on. If the display does not indicate zero, press the **ZERO** key to zero the weight display.
5. When using as a Stand-On scale, raise the seat to the upright position, making sure it is in the "**latched position**" and then assist the patient onto the scale. Have the patient remain motionless for several seconds until the scale display shows their weight.
6. If using the scale as a Sit-Down scale, press down on seat release and lower seat to the down position. Assist patient onto the scale seat and have them remain motionless for several seconds until the scale display shows their weight.
7. To re-zero the scale, assist patient off of scale and press the **ZERO** key.

## OPERATING INSTRUCTIONS, CONT.

### Model 6868KGEU with MV2 Indicator (Shown with Seat in Sit-Down Position)



**WARNING!** Attendant must assist patient onto and off scale platform or onto and off scale seat. **NEVER** leave a patient unattended while they are on the scale platform or on the scale seat. Failure to maintain control of the patient at all times can result in serious injury to you and/or the patient.

1. Install six (6) "C" size (Ni-Cad or NiMH only) batteries or if ordered with the scale, plug the small connector end of the power supply cord into the power jack located on the back of the indicator, then plug the power supply module into an appropriate power receptacle.
2. Install the indicator on the scale bracket and then connect the load cell cable.

**NOTE:** For more information on installing the batteries, connecting the power supply cord, mounting the indicator on the scale bracket or connecting the load cell cable, refer to the MedVue MV2 Owner's Manual 8555-0530-0M.

3. Place the scale on any hard, level, flat surface or low-cut carpet.
4. With no weight on the scale platform, press the **ON/OFF** key. After a second or so the display should indicate a zero weight with the ZERO annunciator turned on. If the display does not indicate zero, press the **ZERO** key to zero the weight display.
5. When using as a Stand-On scale, raise the seat to the upright position, making sure it is in the "**latched position**" and then assist the patient onto the scale. Have the patient remain motionless for several seconds until the scale display shows their weight.
6. If using the scale as a Sit-Down scale, press down on seat release and lower seat to the down position. Assist patient onto the scale seat and have them remain motionless for several seconds until the scale display shows their weight.
7. To re-zero the scale, assist patient off of scale and press the **ZERO** key.

# ERROR and STATUS DISPLAYS

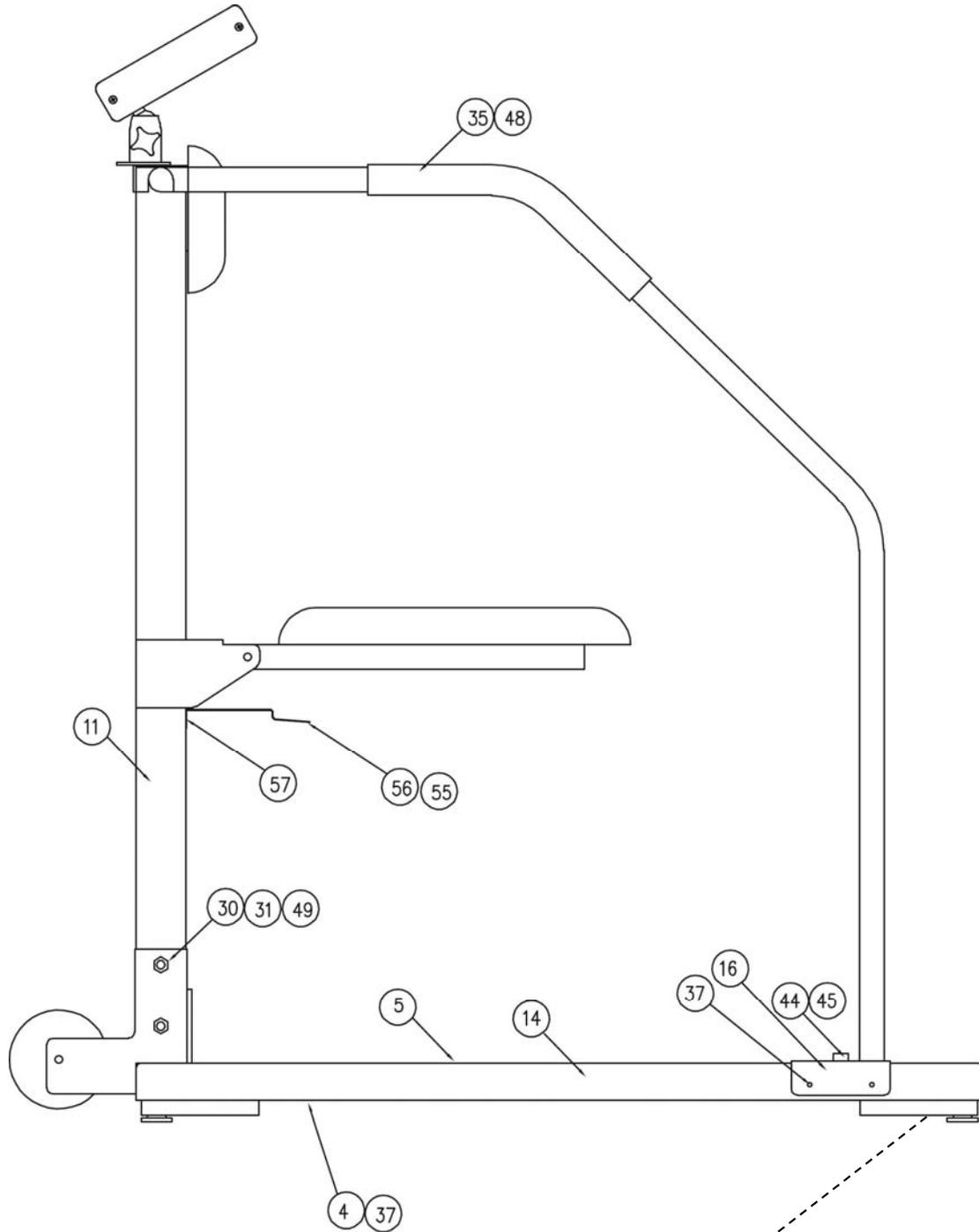
## Model 6868 (750 Indicator)

Display	Meaning
-Err-	General error, invalid keypad entry was attempted.
-ouF-	Attempting to display a negative number greater than -99,999 or a positive number greater than 999,999
-tRL-	Indicates an attempt to zero a weight outside scale zero range. (See Four Percent Zero Tracking Range Limit).
-UnS-	Motion is present when indicator is attempting to perform one of the following operations: Power Up Zero or Zero Weight Display
CAL ib	Indicates calibration is necessary.
AdErr	} Consult your scale service representative.
ErrAL	
ErrAH	
OCAP	Scale weight exceeds scale capacity
OFF	Displayed to indicate indicator is turning off.

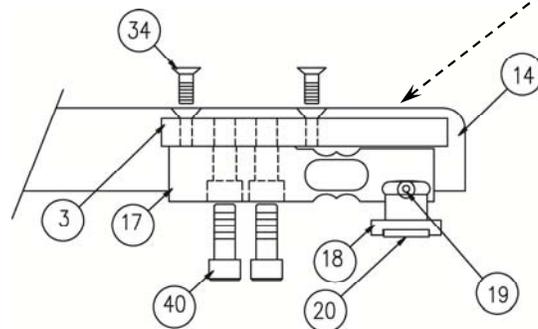
## Model 6868KGEU (MV2 Indicator)

Display	Meaning
ERROR	General error, invalid keypad entry was attempted.
ERR OVERFLOW	Attempting to display a negative number greater than -9,999 or a positive number greater than 99,999
ERR ZERO LIM	Indicates an attempt to zero a weight outside scale zero range. Refer to the Calibration Setup <b>ZERO</b> Menu, <b>ZERO LIMIT</b> (Two Percent Zero Tracking Range Limit) parameter.
ERR UNSTABLE	Motion is present when MV2 is attempting to perform one of the following operations: Power Up Zero or Zero Weight Display
OVER CAPACITY	Scale weight exceeds scale capacity.
	When the batteries are near the point they need to be recharged, the battery status symbol <u>will not show</u> any bars. If the battery voltage drops too low for accurate weighing, the MV2 will automatically shut off and you will be unable to turn it back on.
CAL REQUIRED	Indicates improper stored calibration data. Calibration of MV2 is required. Consult your scale service representative.
ERR ANALOG	An analog to digital convertor communication error has been detected. Consult your scale service representative.
ANALOG LOW	The load cell input is <u>below</u> the range of the MV2. Consult your scale service representative.
ANALOG HI	The load cell input is <u>above</u> the range of the MV2. Consult your scale service representative.
ERR EEPROM	NOVRAM failure. Consult your scale service representative.

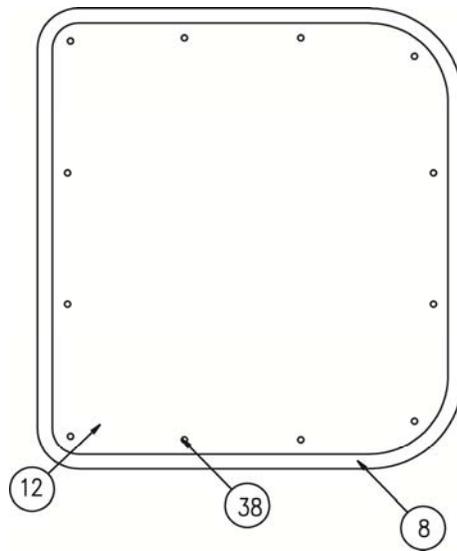
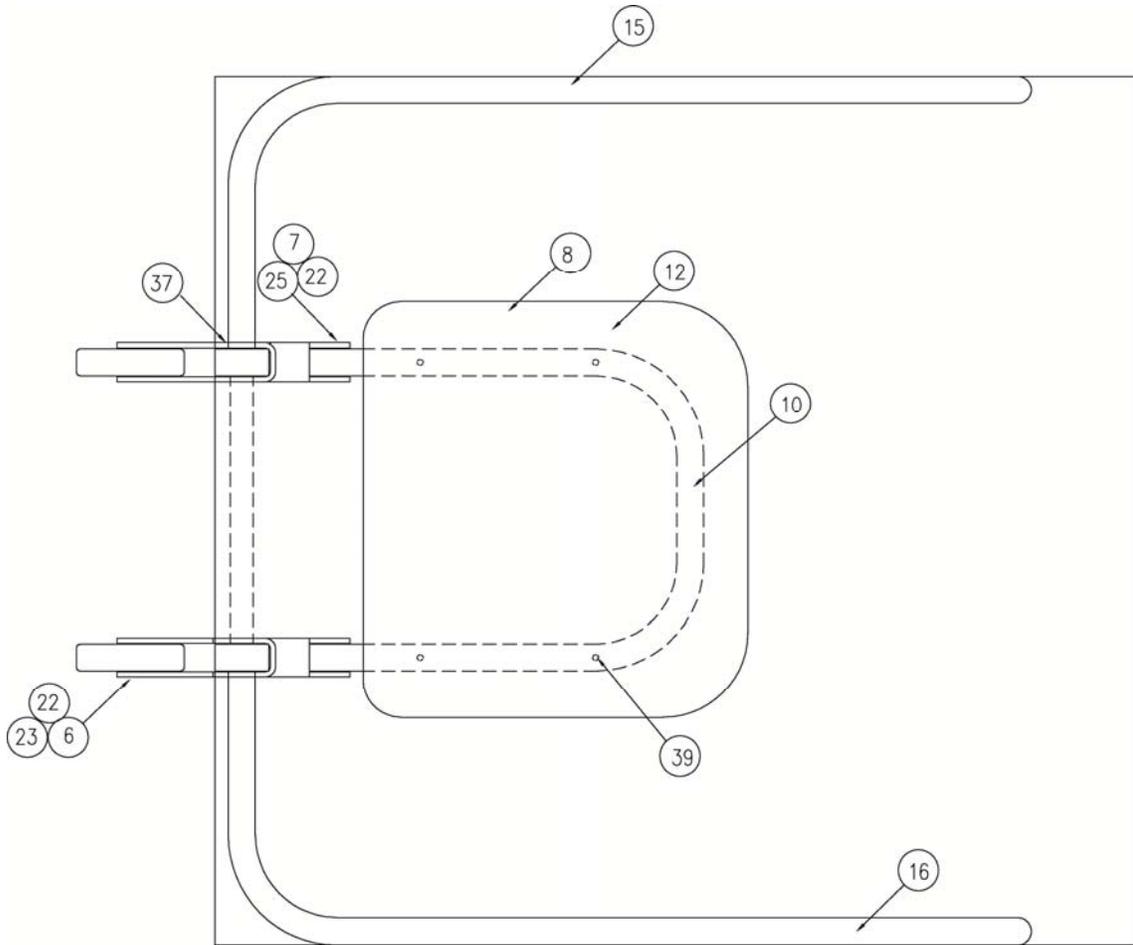
# PART IDENTIFICATION



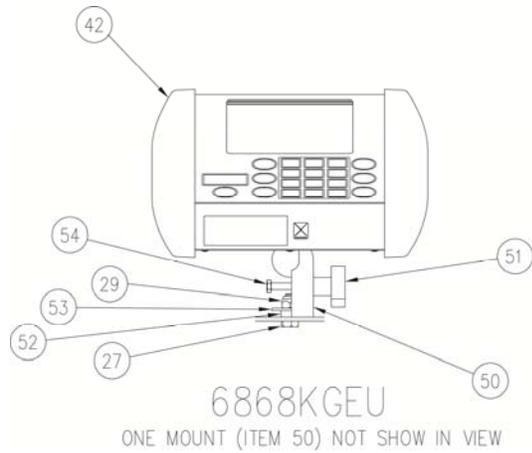
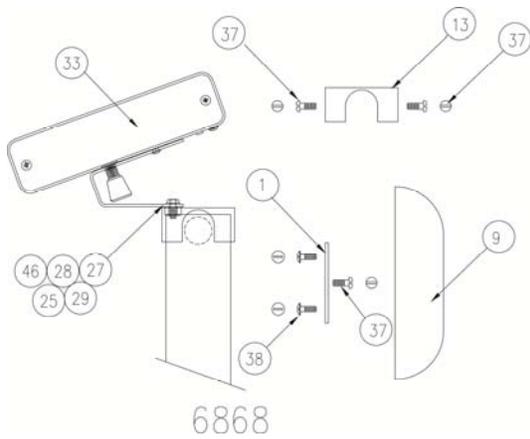
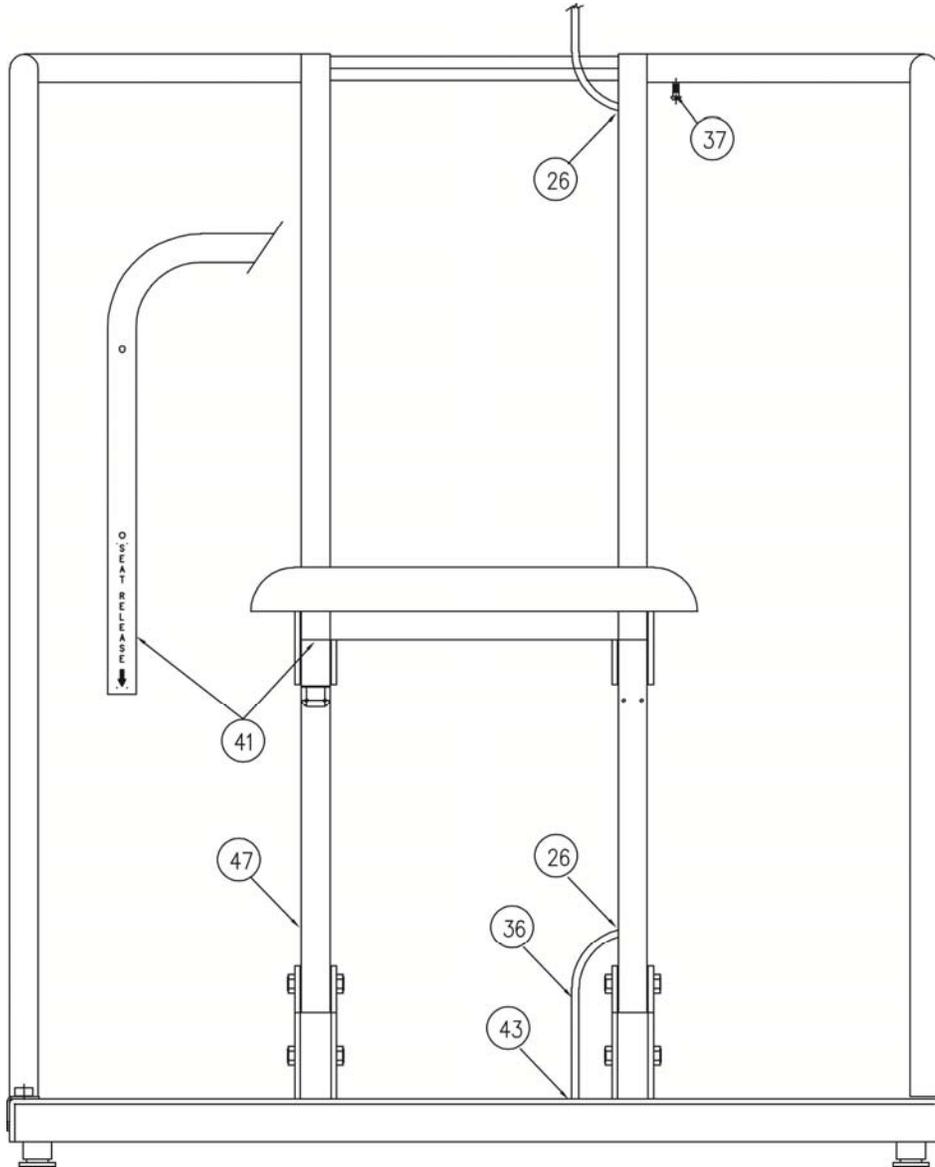
**Load Cell and Foot Mounting Detail**



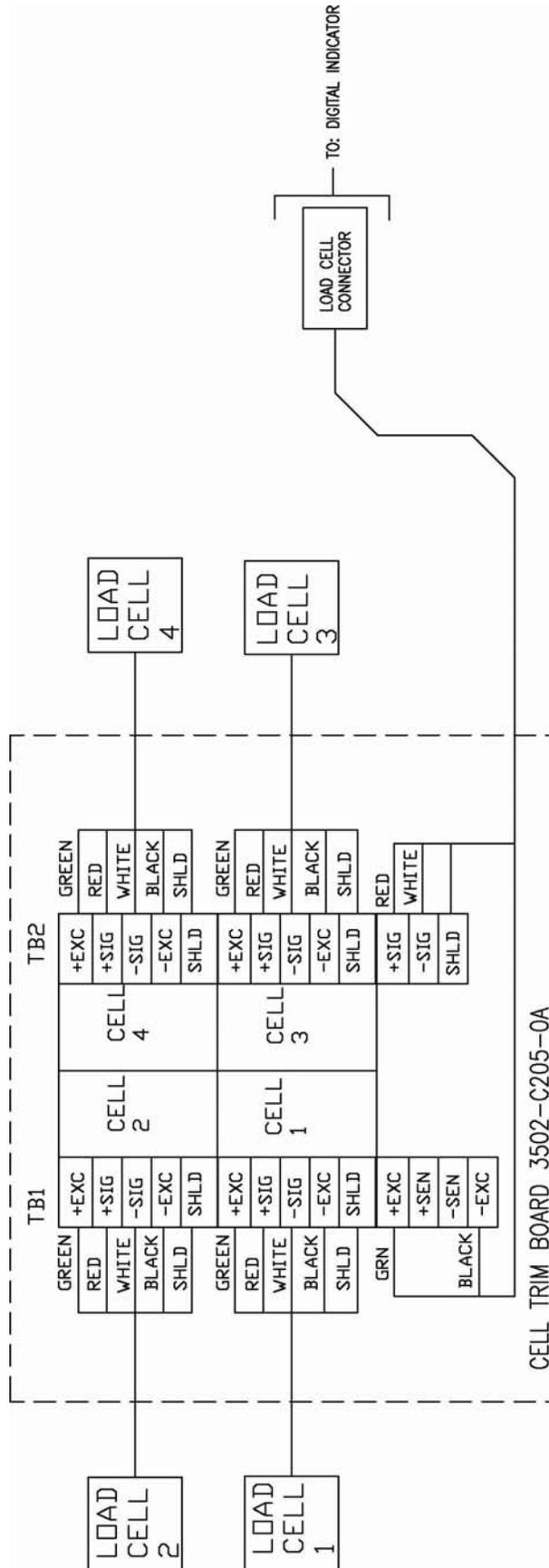
# PART IDENTIFICATION, CONT.



# PART IDENTIFICATION, CONT.



# PART IDENTIFICATION, CONT.



## PART IDENTIFICATION, CONT.

ITEM #	QTY	PART NUMBER	DESCRIPTION
1	1	0065-B416-0A	CHAIR BACK SILKSCREENED
2	-	---	---
3	4	0065-B430-08	LOAD CELL MOUNT 6868
4	1	0065-B431-0A	J-BOX COVER ASSY
5	1	0065-B435-08	MAT, RUBBER
6	2	0065-B436-08	AXLE
7	2	0065-B454-08	SHAFT, SEAT
8	1	0065-C414-08	SEAT, PADDED
9	1	0065-C415-08	BACK, PADDED
10	1	0065-C419-08	SEAT, SUPPORT
11	1	0065-C424-0A	SEAT SUPP. FRAME
12	1	0065-C428-0A	SEAT BOTT. COVER SILKSCREENED
13	1	0065-C429-08	IND. MTG. BRACKET
14	1	0065-D418-0A	BASE WELDMENT
15	1	0065-D420-0A	HANDRAIL R/H
16	1	0065-D422-0A	HANDRAIL L/H
17	4	LFB-250M	LOAD CELL
18	4	0065-B108-08	ALUM. FOOT
19	8	6021-0106	SCW PAN HEAD 6-32x3/8 S.S. TYPE F PHIL DR
20	4	6540-1122	RUBBER FOOT
21	4	1930-B205-08	SHIM
22	8	399R1048	PUSH NUT
23	2	6540-1205	WHEEL
24	1	593GR986	SERIAL TAG
25	5	0033-B110-08	DISK UHMW
26	2	6980-1035	BUSHING 1/4" I.D.
27	1	6021-1454	SCW HEX HEAD 1/4-20 x 3/4"
28	1	6024-0003	WASHER 1/4"
29	1	391RV204	NUT ELASTIC STOP 1/4-20
30	4	6007-0051	SCW HEX HEAD 3/8-16 x 2"

## PART IDENTIFICATION, CONT.

ITEM #	QTY	PART NUMBER	DESCRIPTION
31	4	6013-0070	NUT ELASTIC STOP 3/8-16
32	4	6610-5007	CLIP
33	REF	750	INDICATOR FOR 6868
34	8	6021-1706	SCW FLAT HEAD 1/4-20 x 5/8"
35	2	6540-1070	RUBBER GRIP
36	1	1930-B428-0A	INDICATOR CABLE
37	14	6021-0982	SCW PAN HEAD #10-32 x 3/8" TYPE F
38	22	6021-1509	SCW PAN HEAD #8 x .75 PHIL DRV. Z/P
39	4	6021-1105	SCW PAN HEAD #12 x 1.75
40	8	6021-2063	SCW SOC HEAD 3/8-24 x 1"
41	1	0065-B448-08	SEAT LABEL
42	REF	MV2	INDICATOR FOR 6868KGEU
43	1	6680-0164	GROMMET .43 THK x .25 I.D. FOR 1/4" PANEL
44	1	6690-0001	LEVEL BUBBLE
45	A/R	6560-1072	LOCTITE ADHESIVE
46	1	0033-B438-0A	INDICATOR MOUNTING
47	2	6540-0021	HOLE PLUG
48	A/R	6560-0009	ADHESIVE
49	8	6024-0009	WASHER FLAT 3/8"
50	2	8555-C508-08	MOUNT
51	1	6540-1053	ENCLOSURE KNOB 1.25 DIA, 10-32 INSERT
52	1	6680-0250	NYLON SPACER .260 X .500 X .187
53	1	6024-1066	WASHER FLAT 1/4 X 1 X 1/16 THK Z/P
54	1	6021-0950	SCW HEX-HEAD 10-32 X 1.50 BLACK Z/P
55	1	0065-0655-08	SEAT SPRING S/S
56	1	6540-1146	CAP VINYL BLACK
57	2	6680-1011	POP RIVET 1/8"
*	1	6800-1045	OPTIONAL AC ADAPTER: 100-240VAC/12VDC @ 1A
*	1	MV2PWR	OPTIONAL AC ADAPTER 100-240VAC/12VDC @ 1A

\* NOT SHOWN

## STATEMENT OF LIMITED WARRANTY

Detecto Scale warrants its equipment to be free from defects in material and workmanship as follows: Detecto warrants to the original purchaser only that it will repair or replace any part of equipment which is defective in material or workmanship for a period of two **(2) years from date of shipment**. Detecto shall be the sole judge of what constitutes a defect.

During the **first ninety (90) days** Detecto may choose to replace the product at no charge to the buyer upon inspection of the returned item.

**After the first ninety (90) days**, upon inspection of the returned item, Detecto will repair or replace it with a remanufactured product. The customer is responsible for paying for the freight both ways.

This warranty does not apply to peripheral equipment not manufactured by Detecto; this equipment will be covered by certain manufacturer's warranty only.

This warranty does not include replacement of expendable or consumable parts. This does not apply to any item which has deteriorated or damaged due to wear, accident, misuse, abuse, improper line voltage, overloading, theft, lightning, fire, water or acts of God, or due to extended storage or exposure while in purchaser's possession. This warranty does not apply to maintenance service. Purchased parts will have a ninety (90) day repair or replacement warranty only.

Detecto may require the suspect product to be returned to the factory; item(s) must be properly packed and shipping charges prepaid. A return authorization number must be obtained for all returns and marked on the outside of all returned packages. Detecto accepts no responsibility for loss or damage in transit.

# STATEMENT OF LIMITED WARRANTY

## Conditions Which Void Limited Warranty

This warranty shall not apply to equipment which:

- A.) Has been tampered with, defaced, mishandled or has had repairs and modifications not authorized by Detecto.
- B.) Has had serial number altered, defaced, or removed.
- C.) Has not been grounded according to Detecto's recommended procedure.

## Freight Carrier Damage

Claims for equipment damaged in transit must be referred to the freight carrier in accordance with freight carrier regulations.

This warranty sets forth the extent of our liability for breach of any warranty or deficiency in connection with the sale or use of the product. Detecto will not be liable for consequential damages of any nature, including but not limited to, loss of profit, delays or expenses, whether based on tort or contract. Detecto reserves the right to incorporate improvements in material and design without notice and is not obligated to incorporate improvements in equipment previously manufactured.

The foregoing is in lieu of all other warranties, express or implied including any warranty that extends beyond the description of the product including any warranty of merchantability or fitness for a particular purpose. This warranty covers only those Detecto products installed in the forty-eight (48) contiguous continental United States.



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