



DigitecMedical

DigiTecNotes

Number: 4001

Model: Lorad MIV



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COMPRESSION FORCE CALIBRATION

PREREQUISITES: **None**

OBJECTIVE: **To calibrate the compression force display**

a) **Compression scale**

Preferred: RMI Model 163

Alternate: Standard Bathroom Scale

b) **Basic service hand tools**

ESTIMATED TIME: **15 minutes**

PERFORMANCE

STANDARD:

MQSA / ACR: Compression force of at least 25 pounds shall be provided. The initial power drive must be between 25 pounds (111 newtons) and 45 pounds (200 newtons).

SAFETY:

The production of x-rays is not required to complete this adjustment.

Start Calibration Process

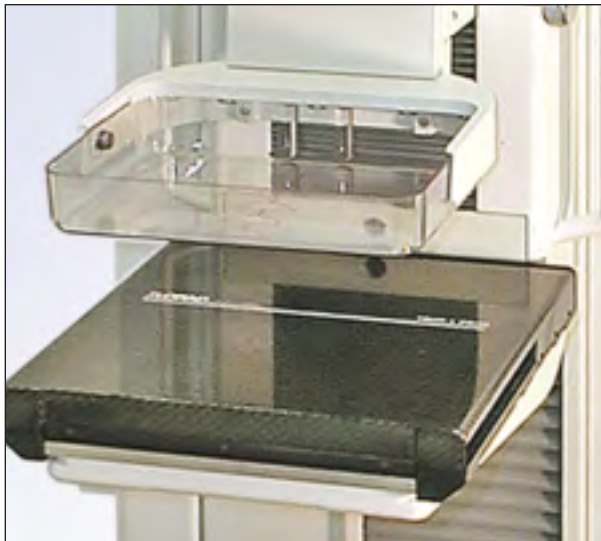
CALIBRATION PROCESS (continued)

1) Configure MIV:

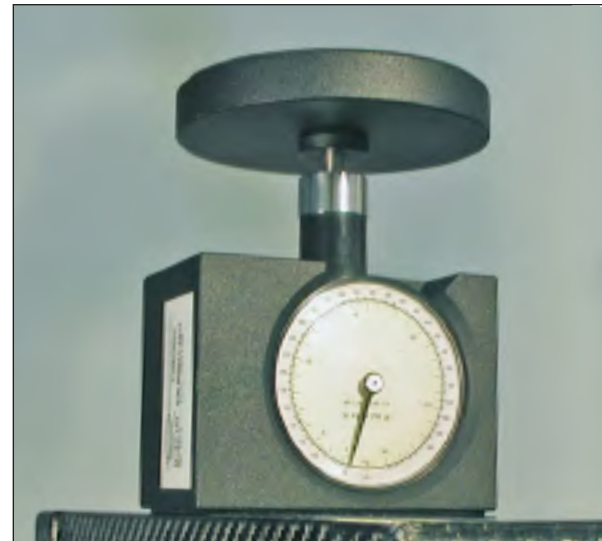
18 x 24 bucky

18 x 24 compression paddle

Compression scale tool centered laterally on bucky along chestwall



[View video](#)



CALIBRATION PROCESS (continued)

2) Open right side gantry cover

To release lock

Turn hex head lock bolt counter clockwise

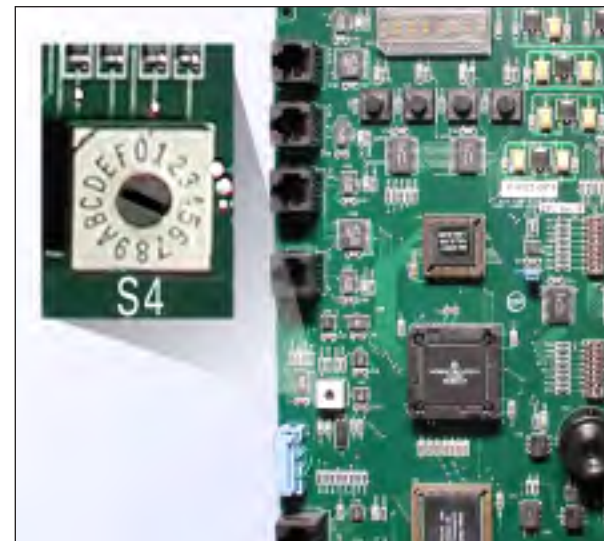
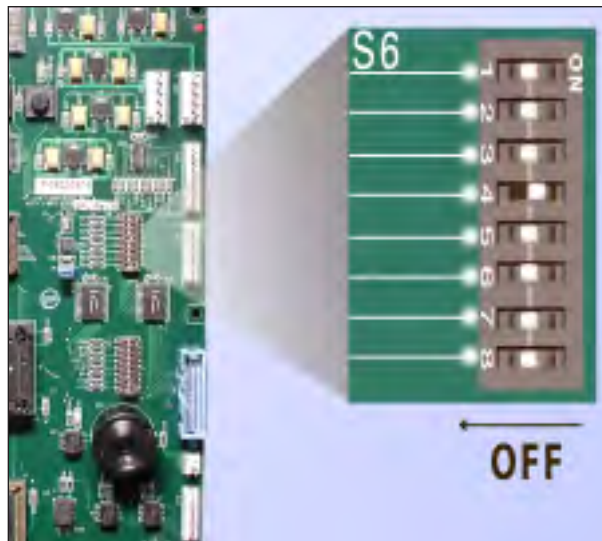
OR Push down recessed philips head screw



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CALIBRATION PROCESS (continued)

- 3) Set switch positions on Host CPU
 - S6, DIP 4 = on = calibration mode**
 - S6, DIP 8 = off**
 - S4, rotary = 5**
 - S2, pushbutton Display = *C20f xxx***



[View video](#)