



# Span Calibration

Model - XR5000

Guide

Rev 0 – 25/09/18



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## Introduction:

The information contained within this document should provide suitable instruction to allow any personnel to carry out span calibration for **XR5000 indicator**.

## Calibration Background Information:

Span calibration uses test weights to calibrate the indicator to a specific set of load cell or load bars. The known test weight which is used for the calibration should be at least one third of the total capacity of the scale. Ideally a known test weight about equal in weight to the load or animal to be weighed is required. During the span calibration process the operator is required to set desired capacity, resolution of the scale and enter the amount of the test weight. The indicator will take two readings, one without the test weight on the platform and one with the test weight.

## Button Locations:



## Calibration Process:

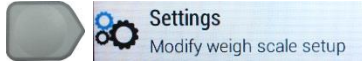
1. Ensure that the load cell / bars are connected tightly to the XR5000 indicator.



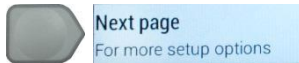
2. Press  to turn the indicator on.



3. Press (soft key)



4. Press (soft key)



5. Press (soft key)



### Weighing Settings

Damping, Load bars/cells, Resolution and more






6. Press (soft key)

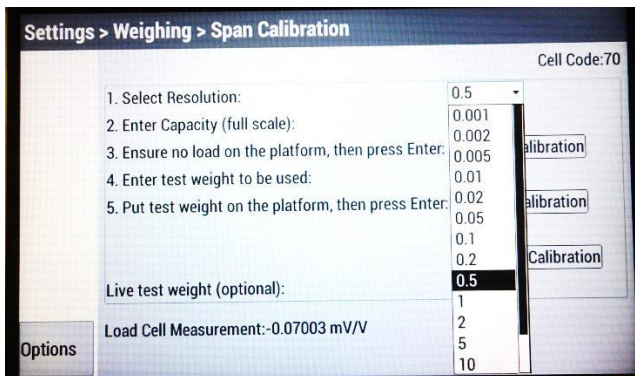


### Span Cal





- Press  to open the **Resolution** drop down window.
- Use  and  to select 0.5.



- Press  to select.



10. Press 

11. Use numeric key pad to enter the max capacity of the load cell / bar..



12. Press  to confirm.

13. Press 

14. Press  to **Do Zero Calibration**.

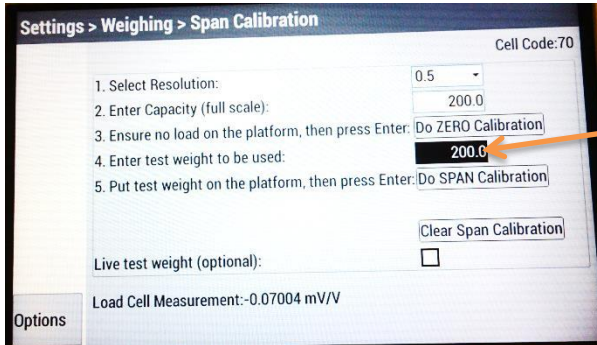


**Note: Do not touch scales or weigher while the calibration is being carried out.**



15. Press 

16. Use numeric key pad to enter the test weight and place the test weight onto the weigher, keeping it central for best accuracy.




17. Press 

18. Press  to Do Span Calibration.



**Note: Do not touch scales or weigher while the calibration is being carried out.**

19. Remove the test weight from the weigher when complete.

20. Press  to go to the weighing screen.

21. Add a known weight to the weigher to verify that the calibration is complete.







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