3664G – Pig & Lamb Weigher

Span Calibration Guide

EziWeigh7i

REFERENCE	REFERENCE DESCRIPTION	Total Pages
Work Instruction	Span Calibration Guide	11

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TABLE OF CONTENTS

1 INTRODUCTION 4
2 CALIBRATION BACKGROUND INFORMATION 4
3 CALIBRATION PROCESS 4

1 INTRODUCTION

The information contained within this document should provide suitable instruction to allow any personnel to carry out span calibration for **EziWeigh7i** indicator.

2 CALIBRATION BACKGROUND INFORMATION

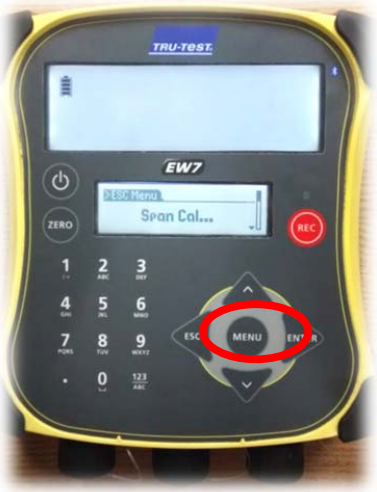
Span calibration uses test weights to calibrate the indicator to a specific set of load cell or load bars. The known test weight which is used for calibration should be at least one third of the total capacity of the scale. Ideally a known test weight about equal in weight to the load or animal to be weighed is required. During span calibration process 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.

3 CALIBRATION PROCESS

3.1 Ensure that the load cells are tightly connected to EziWeigh7i indicator.

3.2 Press to turn the indicator on.

3.3 Press ESC and MENU buttons together.



Display will show

3.4 ENTER to go into the Spam Calibration menu.

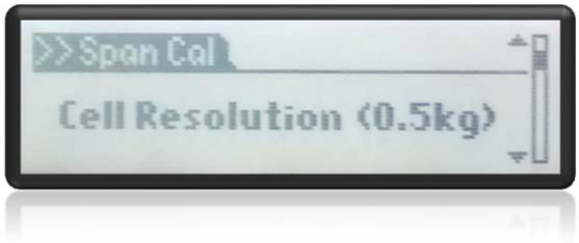
Display will show

3.5 Type the desired capacity for the system (200.0kg) using numerical key pad and press

ENTER to store.

3.6 Press down arrow.

Display will show



3.7 Set cell resolution to 0.5kg by pressing ENTER.

3.8 Press down arrow . Display will show the “Test Weight”. By using numerical key pad type the actual test weight that will be used for calibration and press ENTER to store. The weight should be at least one third of the total capacity of the scale or about equal to the typical loads that will be weighed, whichever is greater.

Display will show the test weight value

3.9 Press down arrow.

Display will show

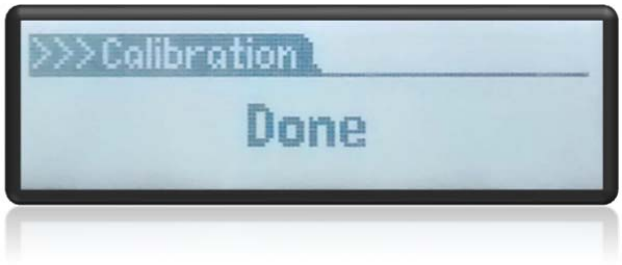
3.10 Ensure that there is no load on platform then press Enter. Wait until next instruction will show up on the screen.

Display will show

3.11 Place the test load on platform and press ENTER.

Display will show

3.12 If the span calibration was successful the display will show “Done”.



3.13 Press ESC button twice to exit the span calibration.

Battery indicator
Weight screen
Bluetooth® wireless connection status
TRU-TEST
510
kg
EW7i
DAT 7456 10_
Turn the indicator on/off
Zero the scale manually
ZERO
Alpha numeric keypad
1
2
3
4
5
6
7
8
9
0
123
Escape out of a sub-menu back to the next tier up
ESC
MENU
ENTER
Access the main menu.
The top level menus include:
> Statistics - View statistics for the current session, or for previously recorded sessions.
> Clear last record - Delete the last record in the current session.
> Sessions - Start a new session or delete sessions.
> Setups - Change indicator settings and enable extra features.
Data screen
Stable light
REC
Record an animal's weight and any other information that has been entered
Scroll through a list of options
Go deeper into a sub-menu or select an option
Dust caps
(These should be joined together with other dust caps when connectors are in use, or affixed to the connectors when they are not in use.)
Load bar connector
Power/Communication connector
Load bar connector