Strainstall

Scotload
Load Measurement Specialists

SmartLoad® user guide

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V4.0 June 2016

This document gives an introduction to the use of the SmartLoad® handset. Section 2.3 is the procedure to power up the handset and add load cells. Procedures 2.4 to 2.10 are introductions to each of the features of the handset and may be referred to as and when required. For full operating information refer to the relevant SmartLoad® operating manual (e.g. document reference 376451).

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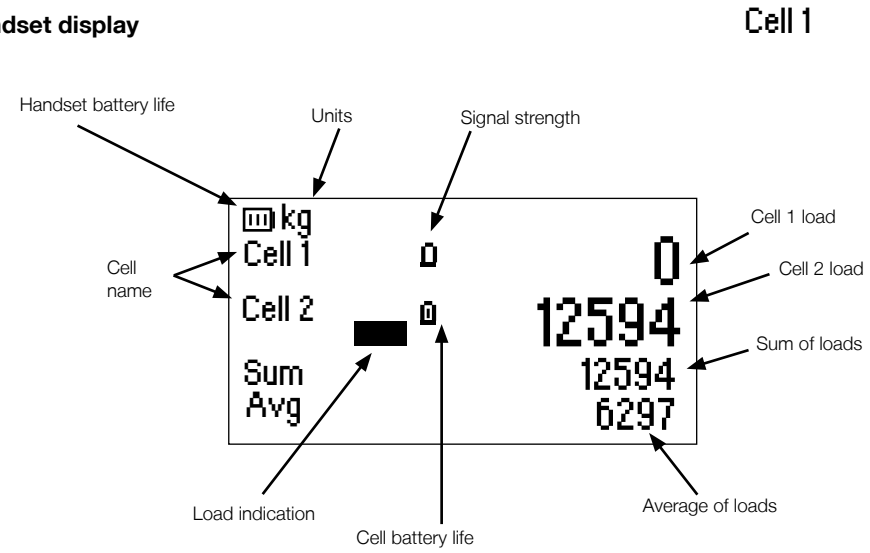
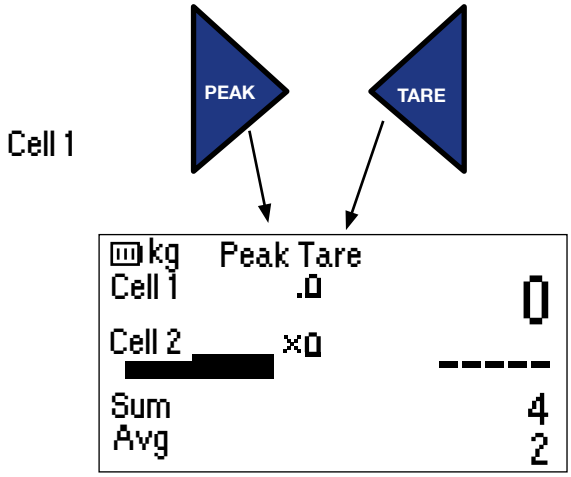
1. Energise

Note – this shows the battery cover for a tension link. The packaging will differ slightly in other applications, e.g. shackles, but all new devices will have a similar battery box with a tape that must be removed to connect the batteries.

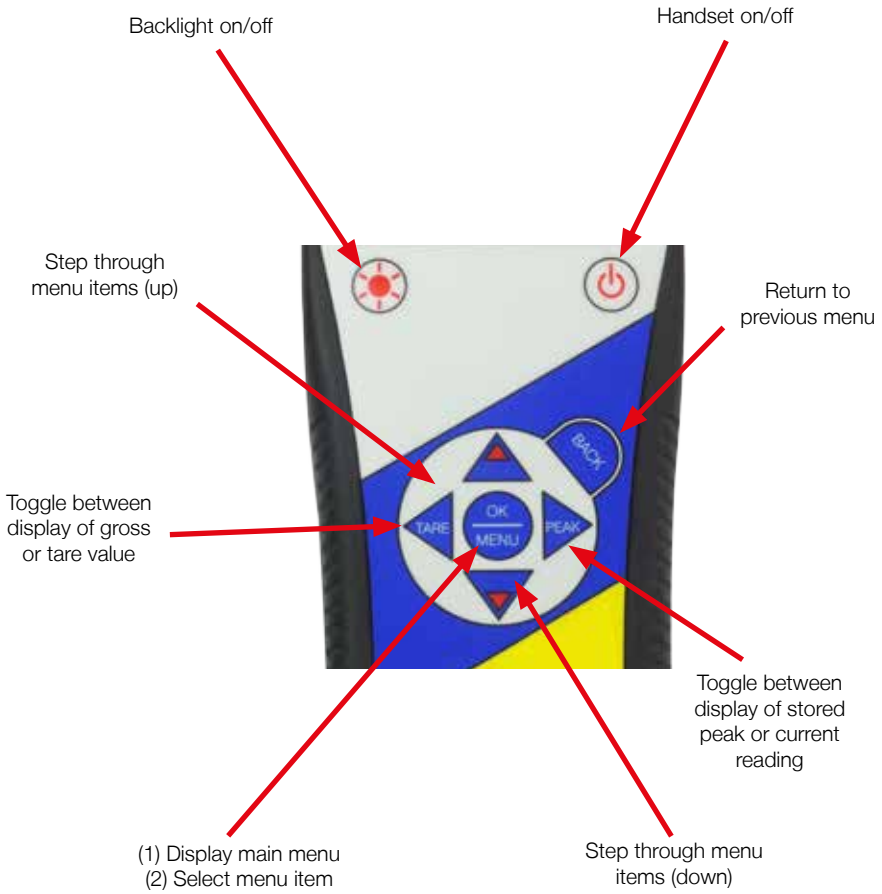
2. Operating

2.1 Handset display

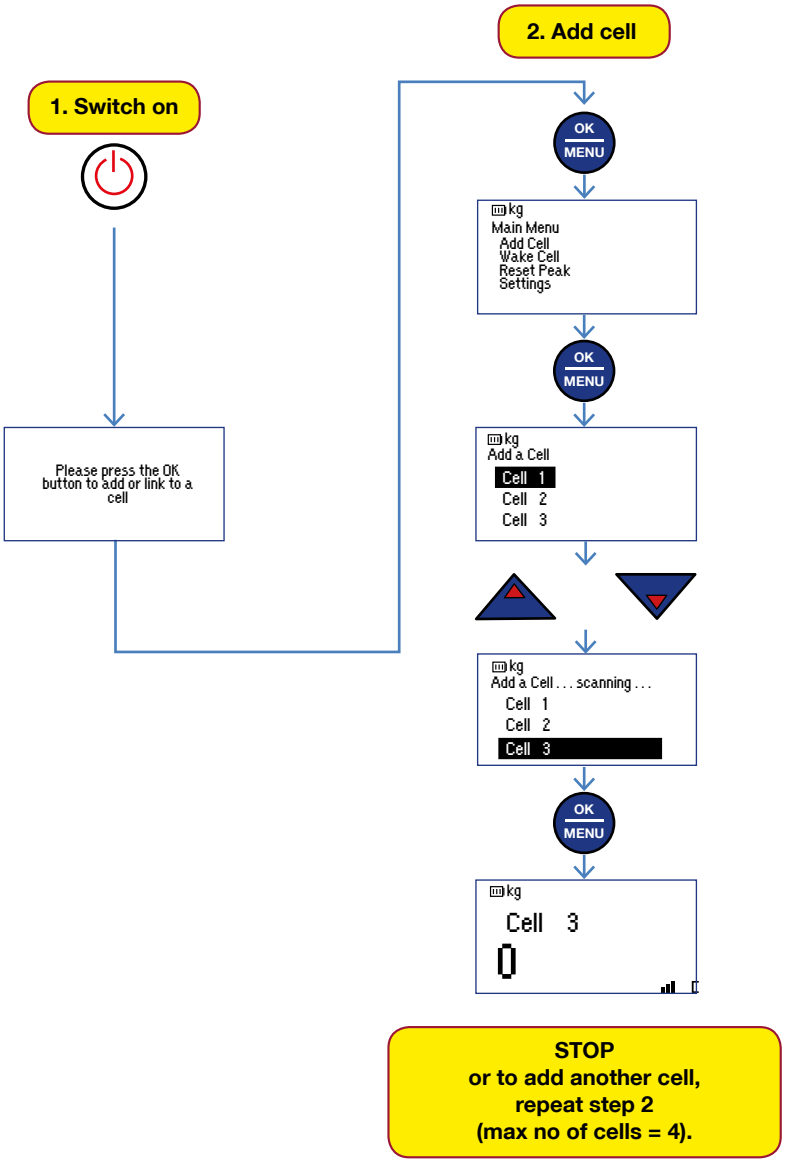




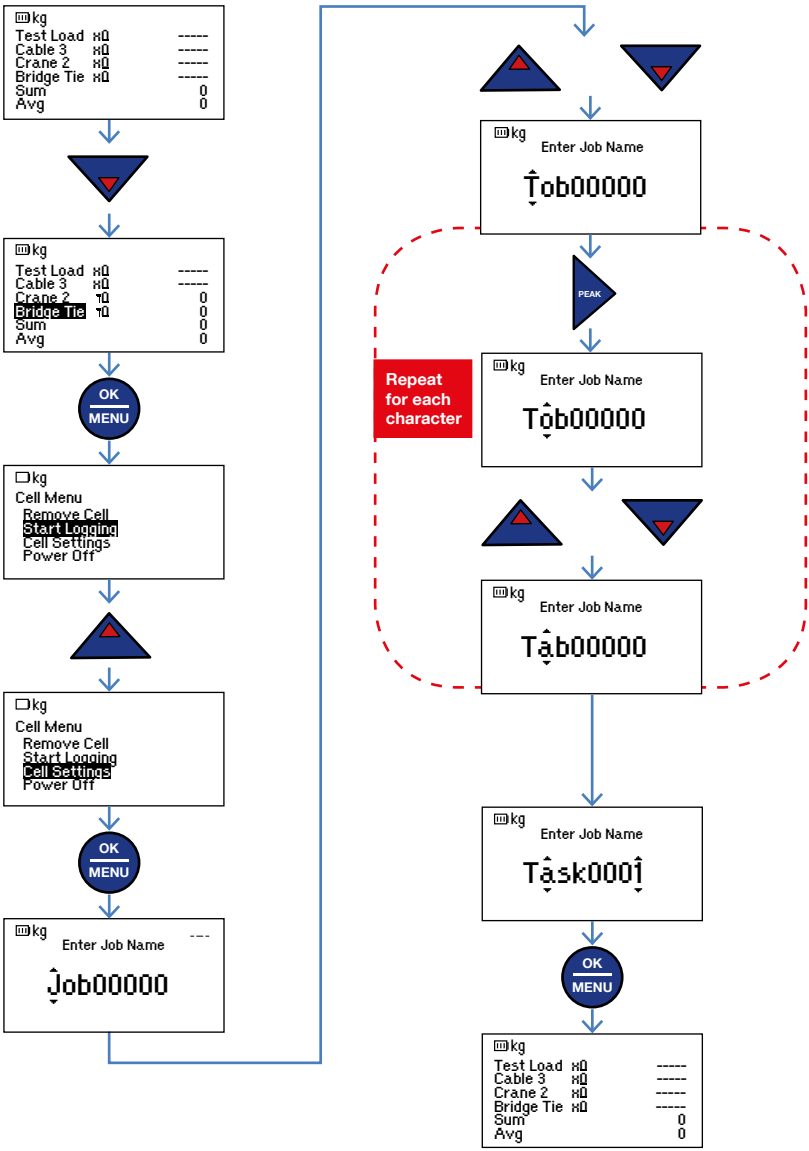
2.2 Keys


Backlight on/off
Handset on/off
Step through menu items (up)
Return to previous menu
Toggle between display of gross or tare value
Toggle between display of stored peak or current reading
(1) Display main menu
(2) Select menu item
Step through menu items (down)
BACK
TARE
OK
MENU
PEAK

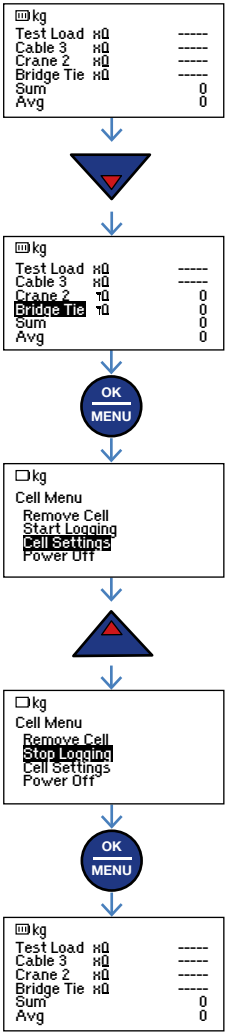
2.3 Getting started



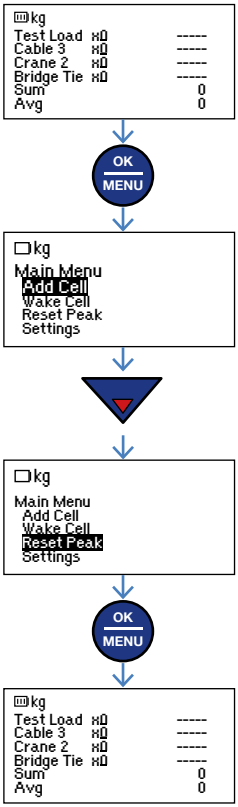
2.4 Logging
2.4.1 Start logging



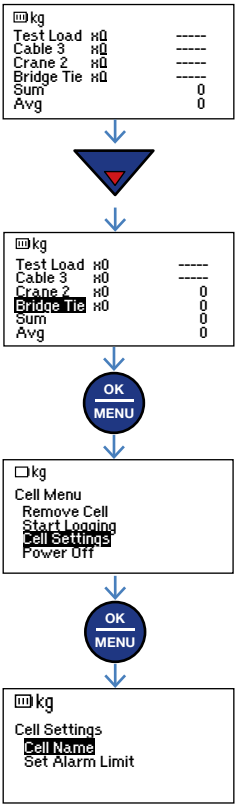
2.4.2 Stop logging



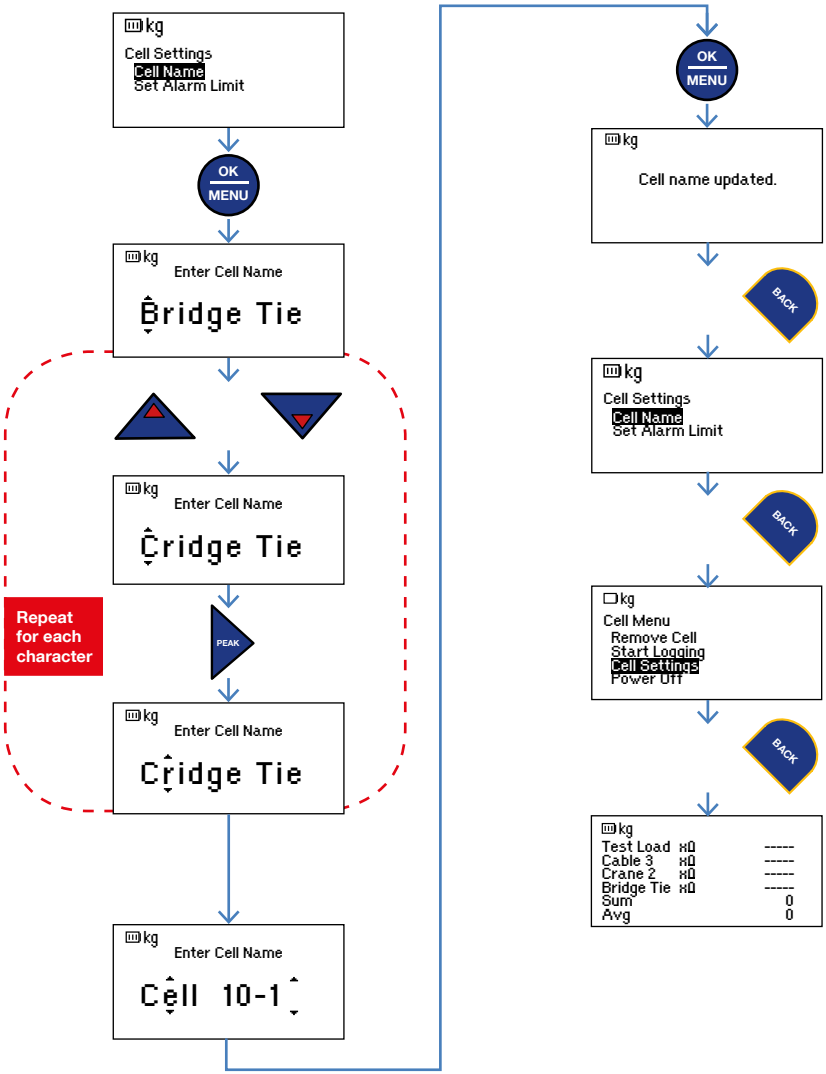
2.5 Reset peak



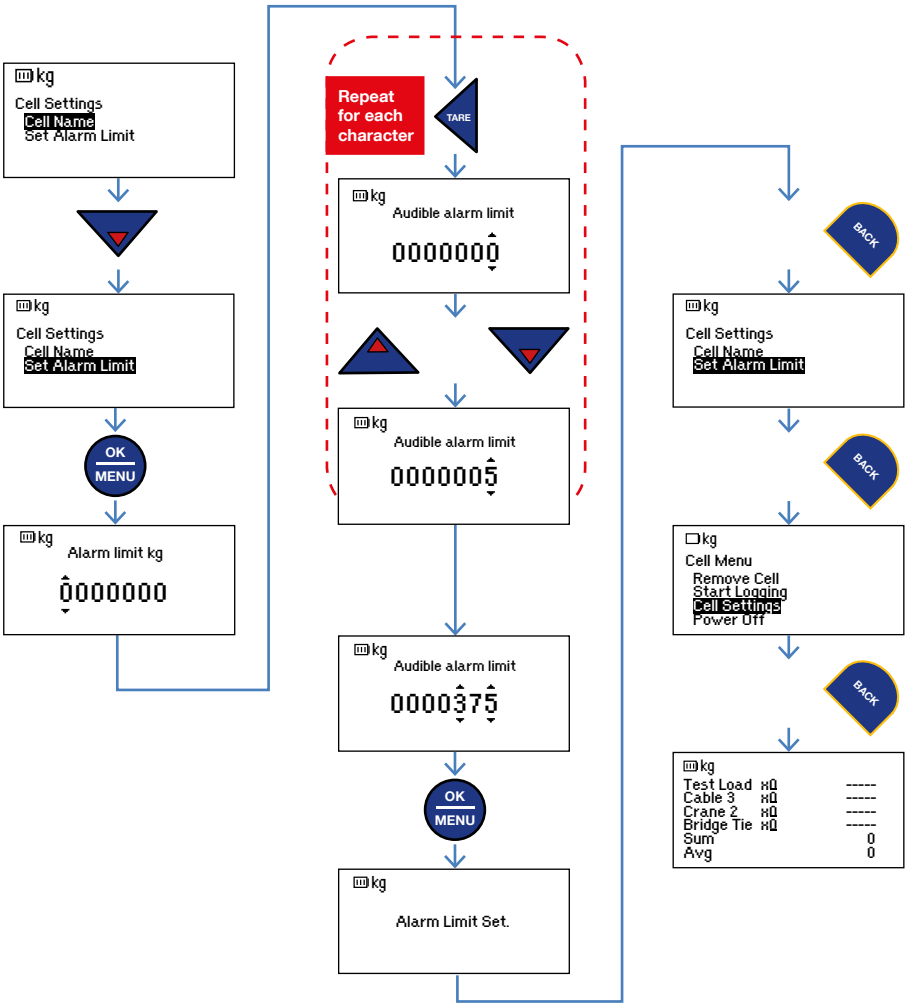
2.6 Cell settings (cell name and alarm limit)



2.6.1 Change cell name

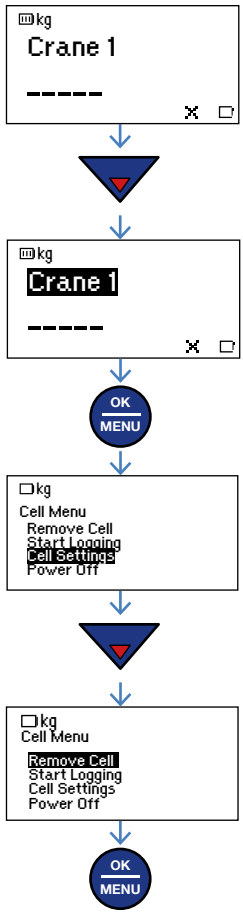


2.6.2 Alarm limit

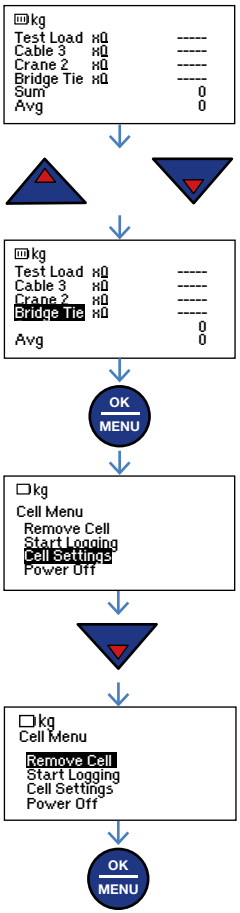


2.7 Removing a cell

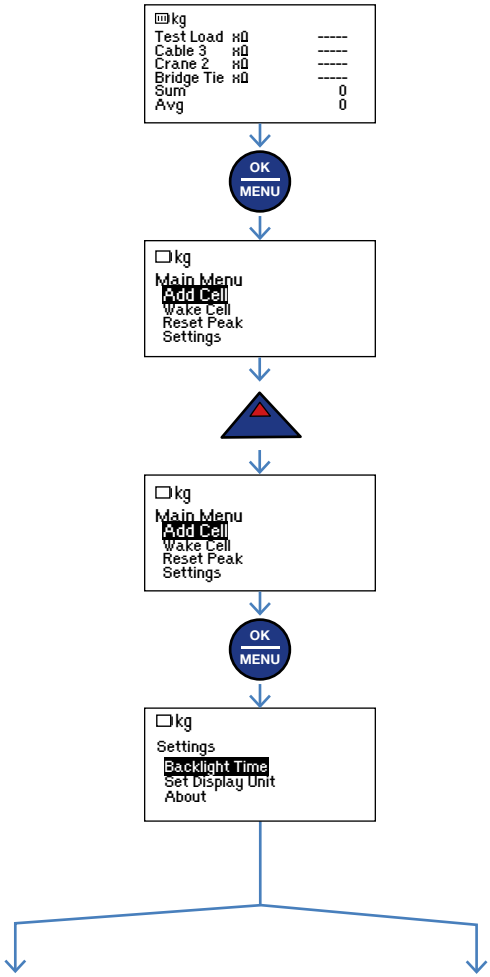
1. Single cell in list

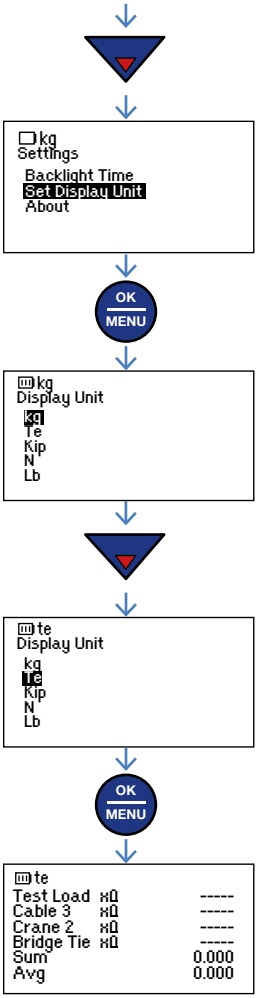


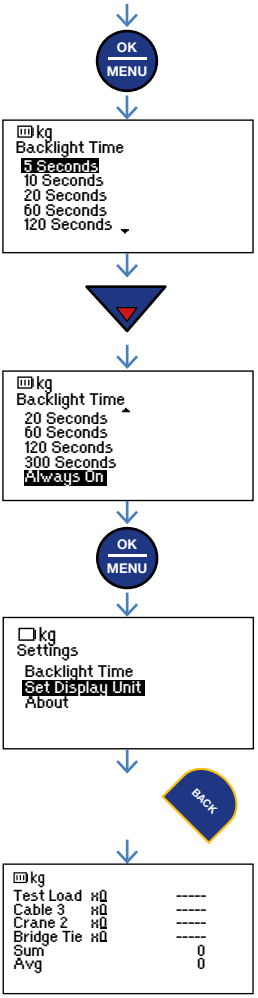
2. More than 1 cell in list



2.8 Handset settings (units and backlight time)

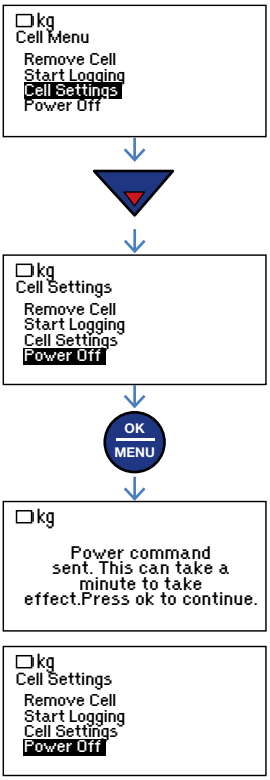



kg
Settings
Backlight Time
Set Display Unit
About
OK
MENU
kg
Display Unit
kg
Te
Kip
N
Lb
te
Display Unit
kg
Te
Kip
N
Lb
OK
MENU
te
Test Load kΩ -----
Cable 3 kΩ -----
Crane 2 kΩ -----
Bridge Tie kΩ -----
Sum 0.000
Avg 0.000

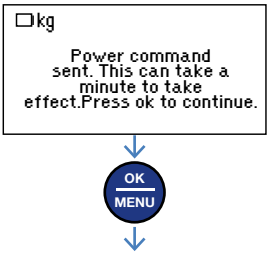

OK
MENU
kg
Backlight Time
5 Seconds
10 Seconds
20 Seconds
60 Seconds
120 Seconds
kg
Backlight Time
20 Seconds
60 Seconds
120 Seconds
300 Seconds
Always On
OK
MENU
kg
Settings
Backlight Time
Set Display Unit
About
BACK
kg
Test Load kΩ -----
Cable 3 kΩ -----
Crane 2 kΩ -----
Bridge Tie kΩ -----
Sum 0
Avg 0

2.9 Cell power off/on

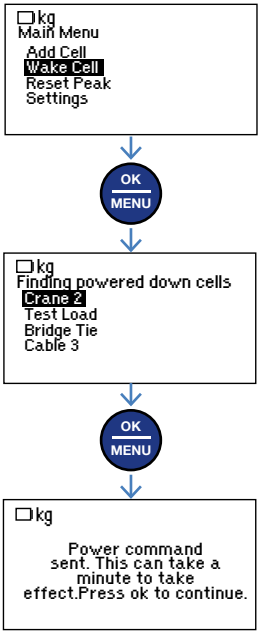
2.9.1 Power off



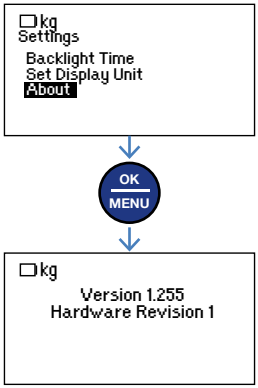
2.9.2 Power on



2.9.3 Wake cell



2.10 Firmware version



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