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Service Manual
Bench scale

KERN FOB 5K1S/ FOB 500-1S

Version 1.0
07/2013
GB



GB

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Servicemanual

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1 Basic Information

The device must be repaired only by trained specialist staff or personnel with professional formation (such as a repair-specialist accredited by law concerning verification). The service manual is obligatory for repair work. After repair, original conditions of the device have to be restored. Only original spare parts should be used.

Instructions about conformity-evaluated scales:

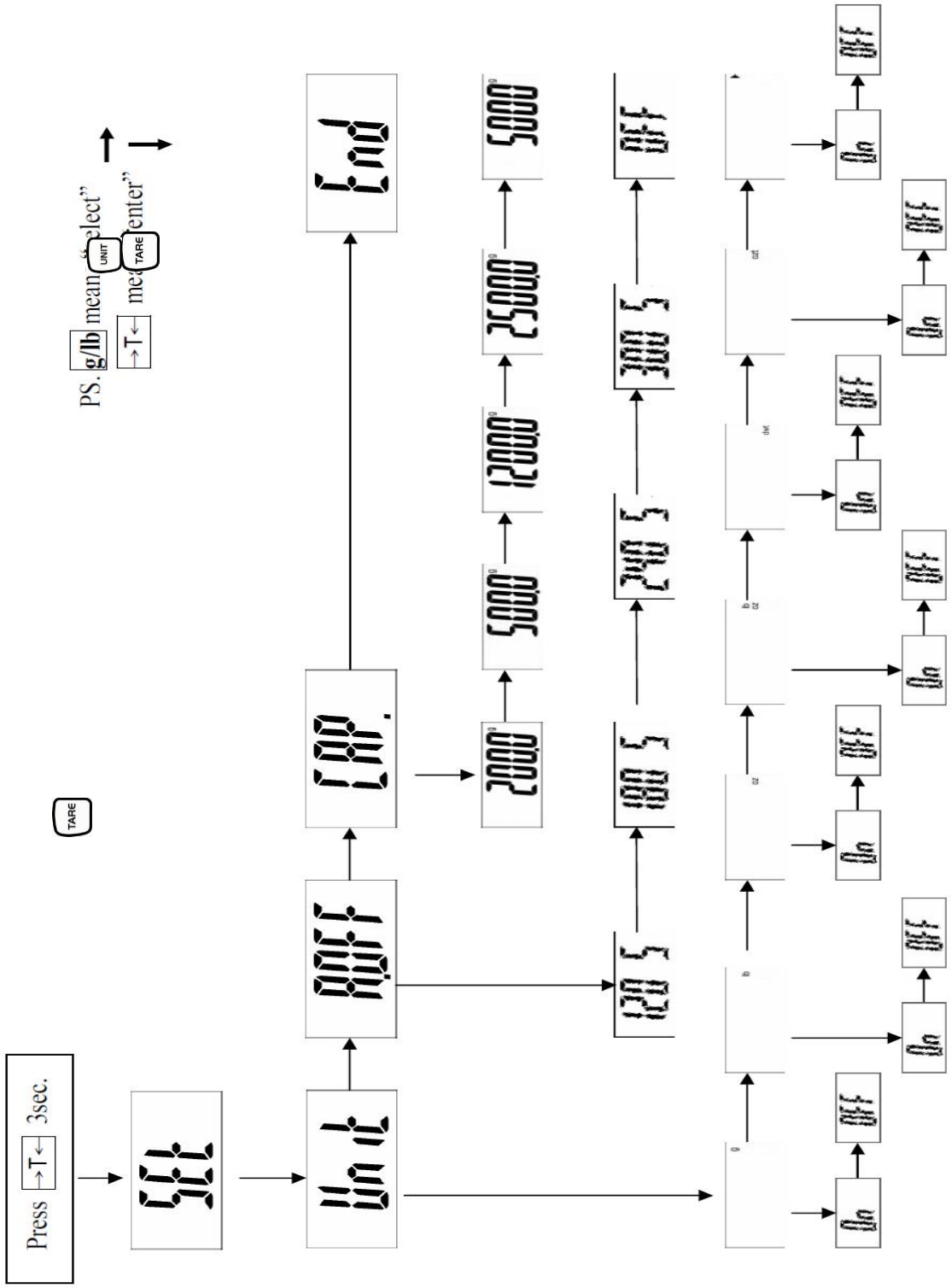
Repair must be carried only at 100% compliance with the type approval. A violation of this specification will result in a loss of the type approval! The operation and configuration of each scale is described in the accompanying manual of the scale. Any safety information in respect for verification are also described in the accompanying manual

2 Introdution

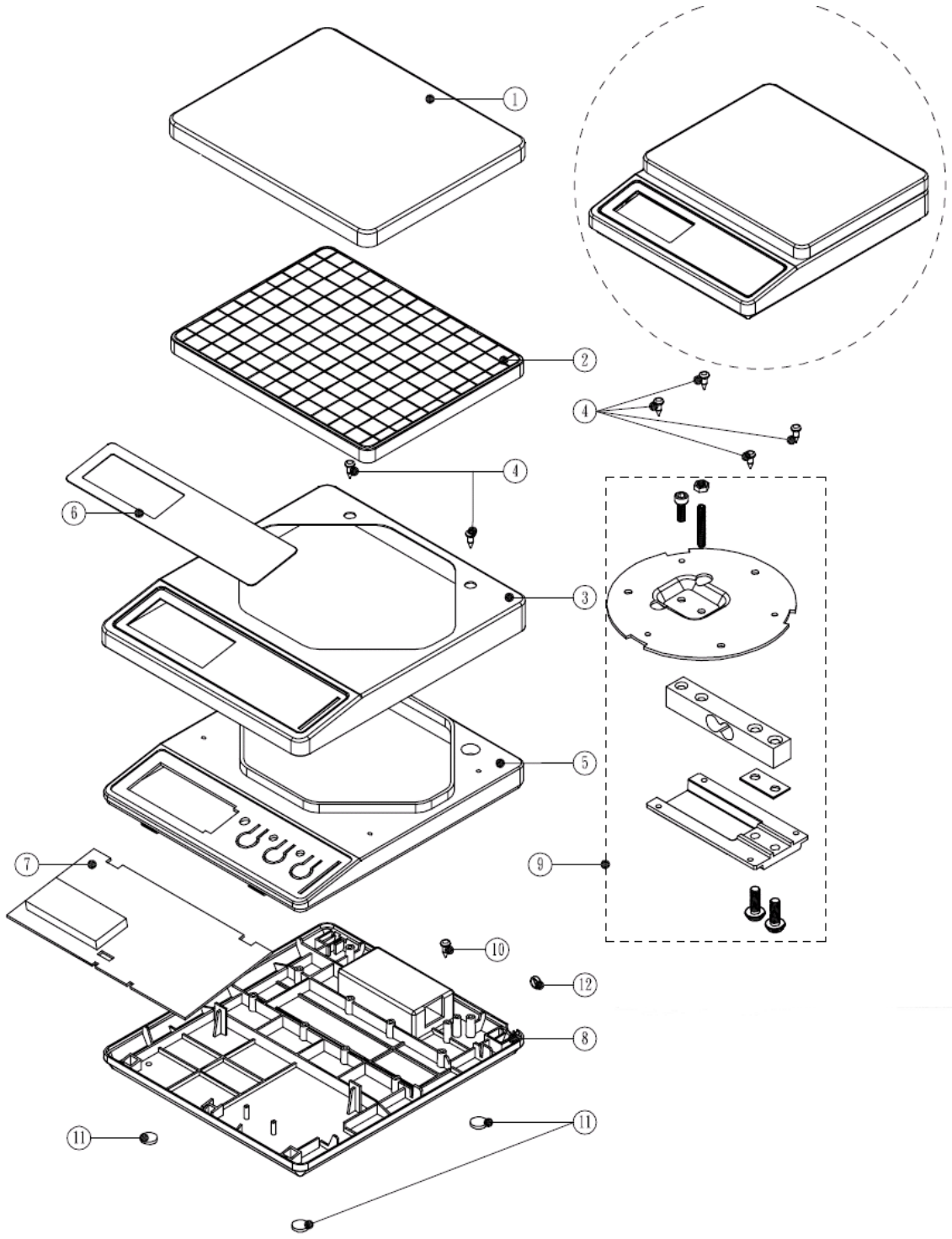
This service manual covers the FOB_S series and is edited for the authorized servicing personnel.
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3 SET-UP FLOW CHART

Please press TARE for 3 seconds, First SET will display on the screen, and then it will change to UNIT display automatically. Use TARE key to move ↓ direction and UNIT key to move → direction.



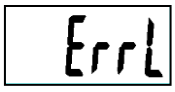
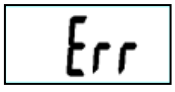
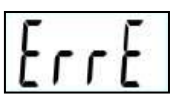
4 ASSEMBLY DRAWING



5 Spare Part List

Beschreibung	Description	No. In Drawing	KERN Nummer/KERN part no.
Stellfuss	Footstand	11	RFOB-S-8002
Wägeplatte	Scale pan	1	RFOB-S-6001
Folientastatur	Key panel of FOB500K-1S	6	RFOB-S-4001
Folientastatur	Key panel of FOB5K-1S		RFOB-S-4002
Anschlußbuchse Steckernetzteil	Power socket	8	RFOB-S-5001

6 ERROR MESSAGE

Error message	Description	Solution
	Nothing appears on the display after pushing ON/OFF key.	1. Check display. 2. Disassemble indicator. 3. Check wires and control panel.
	Can't switch on scale using AC adaptor.	1. AC adaptor damaged. →Replace adaptor. 2. AC jack wires are disconnected.
	**Low Battery** This warning shows that the voltage of battery is too low to use.	Please replace new batteries or plug the AC adaptor for operation.
	**Counting error (too low)** The loading is lower than limit when power on.	1. Please increase the loading and try again. 2. Check the load cell and its wiring. 3. Replace new deck.
	**Counting error (too high)** Scales zeroed exceed its initial balance.	1. Remove the weight from scale. 2. Check the load cell's resistance. 3. Replace new deck.
	Overload The loading is over limit when power on, please reduce the loading and try again.	Remove the weight from scale. Overload: Max. Capacity + 9d.
	**EEPROM error** The program of the scale has error.	Replace controller PCB, and re-calibrate the scale.