

1. Turn main switch off and wait until the display goes off.
2. Press and hold the switch for changing "cm/inch" and at the same time turn on the main switch, then release "cm/inch".
3. Short lines are moving clockwise in all segments, the LED for the false clamp plate starts blinking, the LED's for the clamping pressure are blinking and moving upwards.
4. Press button # 9 and release it.  
-> The figure "8." moves through all segments from left to right side.
5. Press button # 9 and release it.  
-> rb 00.12 appears (the actual software version of the key pad).
6. Press button # 9 and release it.  
-> rt 00.12 appears (the actual software version of PC board).
7. Press button # 9 and release it.  
-> Ad H appears together with the approx. minimum value of the potentiometer (approx. 015). If the potentiometer is turned to the maximum the indication is approx. 125.
8. Press button # 9 and release it.  
-> Ad P appears together with the actual clamping pressure (min. approx. 40 – max. approx. 145).
9. Press button # 9 and release it.  
-> Ad 0 (without function in the test routine)
10. Press button # 9 and release it.  
-> Cr appears (for testing the function of the buttons)

Value of the buttons:

P = 16	↑ = 17	D = 18	CP = 19
S = 24	↓ = 25	I = 26	AM = 27
F1 = 32	F2 = 33	F3 = 34	E = 35
M = 40	C = 41	Stop = 42	Start = 43
7 = 48	4 = 49	1 = 50	0 = 51
8 = 56	5 = 57	2 = 58	• = 59
9 = 64	6 = 65	3 = 66	= = 67
/ = 72	* = 73	+ = 74	- = 75
Inch/cm=80	↓ = 81		↑ = 83

11. Press button # 9 and release it.  
-> Li 01 01000 appears. The switches can be tested in the following way:  
Important: On the diagnostic routine of the component parts (segment 1 – 9) the digital readout of the display should always change from "0" to "1" or from "1" to "0" during the function test. If not, the corresponding part is defective.  
The segments in the display (reading from 1 to 9 from left to right) are connected to the following parts/functions:  
Segment 1: blank  
Segment 2: blank  
Segment 3: Switch clamp in bottom position S.5-2  
Segment 4: Switch clamp in top position S.14 O.T.  
Segment 5: Switch index absolutely end point (73.5 cm)  
Segment 6: Switch index for "Set" point (68 cm)

Segment 7: Switch index for 90 mm.

Segment 8: Switch index for 20 mm.

Segment 9: Switch S.13 for false clamp storage.

12. Press button # 9 twice and routine is finished. Press "Start" button and the backgauge will go to it's set position.