Maintenance & Service

Maintenance

LC 100 doesn't need any maintenance. Only the batteries should be checked once a year to avoid spilling of aggressive fluids into the instrument.

Troubleshooting, Service

Important: If you notice any damage on the housing or control elements during the operation dismantle the device immediately and send it back to an authorized service facility. Close the tank inlet again to avoid pollution.

If the LC 100 shows unexpected behavior, reset the device using the Reset button. If the problem persists send the LC 100 to an authorized service facility.

Warranty

For our warranty conditions see our home page www.secu-tech.at
Read also the General Terms and Conditions.

Technical specification

Power supply :

- 4 batteries:	1,5 V, Mignon, type AA, Alkali
- Power consumption:	During measurement : 19 mA
	During normal operation : 9 mA
	Sleeping Mode NON PS : 0,39 mA
	Sleeping Mode PS : 0.1 mA
- Battery life time:	typically 1,5 - 2 years in the save mode
	symbol "b" in case of weak batteries (20% remaining)
Dimensions :	75 mm x 42 mm x 170 mm
Weight :	(mass): 220 g (without batteries)
Display :	2 line LC-display (2 x 4 digits)
Protection:	IP 20
Material:	black, oil resistive
Measurement range:	20 cm … 270 cm (0 – 9'999 liters)
Accuracy:	±1.5 cm
Measurement interval:	Normal mode: 23 h 45 min
Test mode:	5 s
Operating temperature:	-5°C … +45°C
Norms :	CE / ROHS
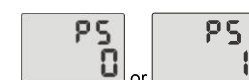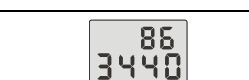
Dokument: 03 2012 LC 1 Short E 01

SHORT MANUAL LC 100 / LC 103

	General Information **Reset** - Button = restart the Software **Mode** - Button = wake up device go from one function to the other **Arrow** - Button = Increment the flashing digit launch manual measurement	
1	**Settings** Press **Mode** for more than 3 seconds	
1.1	**Select the tank type** 1 = rectangular 2 = horizontal cylindrical 3 = vertical cylindrical	
1.2	**Enter the dimensions of tank type 1 & 3** Please refer to the dimension indications of your Tank !!! Volume : xxxx Height: xxx	
1.3	**Enter the dimensions of tank type 2** Please refer to the dimension indications of your Tank !!! Volume : xxxx Diameter : xxx	
1.4	**Power save mode** 0 = Display OFF in sleeping mode 1 = Display ON in sleeping mode	or
1.5	**Offset** Enter the distance from the sensor to the liquid in cm (when the tank is full) Offset = xx	**OFST** **00**
2	**Installation** Put the LC100 in the tank inlet	
2.1	**Start measurement** Press **Reset:** The display shows for 6 seconds the installed SW-Version and makes then a first measurement ; from now on the LC100 makes a measurement every 23 h 45 minutes !	
2.2	**Sleeping Mode** If the buttons are during 35" inactive, the LC100 goes into the sleeping mode	
3	**Launch a manual measurement** Press **Mode** >>> wake up ! Press **Arrow** >>> make measurement (this measurement is not used for statistical data)	
4	**Scan display functions** Press **Mode** >>> wake up ! % & volume Press **Mode** >>> liters Press **Mode** >>> percentage Press **Mode** >>> empty volume in liters Press **Mode** >>> distance in cm Press **Mode** >>> average consumption "last 5 days" Press **Mode** >>> remaining days Press **Mode** >>> Error Codes	**Error Codes** 0 = LC100 OK 1 = Prgrm.-Error 2 = measurement incorrect 3 = distance unlogical to settings 4 = display overflow Batt.low ="b"on default display