Thermal printer for quick printing

Thermal printer is dedicated to work together with eletricity meter testers type Calport 100, Calport 100Plus, Caltest 10 and makes possible printing of the measurement results directly on site.

The DR200 has a power saving mode, which is activated after 30 seconds and is signaled with slow blinking of turquoise control LED diode. Deactivation of power saving mode is realized by single pressing ONLINE, FEED button or by sending the print data from external device and it is signaled by continuous lighting of green control LED diode.

The DR200 printer has four operation modes, which are selected by state of buttons (ON LINE, FEED) during powering up of printer:
• normal print – no buttons pressed,
• autotest – pressed ON LINE button,
• setting the printer parameters – pressed FEED button,
• service mode.

Inserting of paper:
• open the cover of container for paper by means of the button (Fig. A),
• after unwinding 15cm of paper insert the roll into the container (Fig. B),
• place evenly the top of paper on the edge of slot for paper feed,
• close the cover of container for paper by pushing it until it clicks (Fig. C).

Tearing of printout:
• grab the printout from printer,
• pull vigorously so that the printout adhere to the edge of aperture of paper feed, which is placed in printer housing (Fig. D),

Ejecting of paper:
• turn on the power supply and press the button ON LINE,
• press and hold the button FEED, until paper comes out to the required distance,
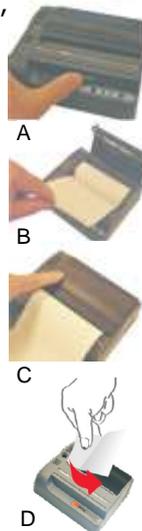• press the button ON LINE to go to the printing mode.

Error codes (sound and error indicator):
• 1 dimming – error by data transfer to printer,
• 3 dimmings – lack of paper in printer,
• 4 dimmings – printer's cover is open,
• 7 dimmings – accumulator is discharged.

Charging of the printer`s accumulator is realized by using an external power supply 15V/1A and is signalized in cycles of 4 seconds (4 dimmings> 10%, 1 dimming of> 90%, continuous lighting = 100%).
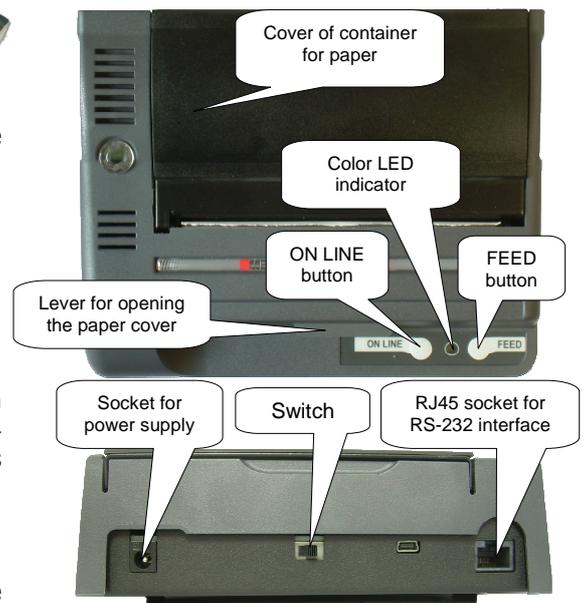
Storing of printouts:
• keep at temperature below 25°C,
• do not expose to direct sunlight or radiation emitted by the fluorescent substances,
• do not come into contact with alcohol and its compounds,
• do not store in the covers of PVC.

DR200

DR200
Thermal printer
for quick printing
• For electricity meter testers type Calport 100, Calport 100Plus, Caltest 10
• Small dimensions and weight
• Very quick printing of report
• Internal accumulator

Cover of container for paper
Color LED indicator
ON LINE button
FEED button
Lever for opening the paper cover
Socket for power supply
Switch
RJ45 socket for RS-232 interface

TECHNICAL PARAMETERS OF DR200 PRINTER

Printing	Thermal printing with immobile linear head (832 points in one row)
Thermal paper	TF 50KS-E2C (width 112mm, max diameter 40mm, length 20m)
Number of reports / roll of paper	70...100 (depending on the type of report)
Time of report printing	**Max. 15 sec**.
Reliability	MTBF: 5000 hours, MCBF: 100 mln points or min. 50km printout
Interface	RS232C (with adapter RJ45 -> RS232C)
Power supply	15V DC / 1A
Operating conditions	temperature -20...+50°C, relative humidity up to 95% (without condensation)
Dimensions	175x175x55mm
Weight	1.1kg (with accumulator, paper and external power supply)
Accumulator	NiMh 2,2Ah 7,2V (full charging time 5h from source 15V/1A)