

READER (RS232C interface)

The reader is intended to connect personal dosimeters series AT2503 and AT3509 to PC and provides their operation in the dosimetry control system.

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The reader provides data exchange of dosimeters and PC by infrared channel transforming optical signals into standard electrical ones for interface.

The reader is a metal enclosure with support and special pocket, in which the clamp is inserted until bumping in order to connect a dosimeter. The cable with socket type DB-9F is used to connect the reader to a free COM-port.



Dosimeters together with the reader connected to PC and applied software form the automated dosimetry control system.

The system provides possibility:

- to read out serial and individual numbers of a dosimeter;
- to reset dose accumulated by a dosimeter;
- to log individual dose to data base automatically;
- to change individual number of a dosimeter;
- to change dose cumulative interval and alarm thresholds;
- to disable/enable dose and dose rate thresholds;
- to disable/enable dose reset selection;
- to change time interval for a dosimeter to switch economical mode;
- to modify some dosimeter's functions.

Data Rate	2400 baud
Operating Temperature Range	from + 10 °C to + 35 °C
Relative Humidity at 30 °C and lower without moisture condensation	up to 75 %

Interface	RS232C
Average Current Supplying the reader	not more than 10 mA
Dimensions	90 x 66 x 27.6 mm
Weight	0,35 kg

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Name	Quantity
Reader	1
Program «Dosimetric control» on CD	1
Software User's Manual «Dosimetric control»	1
Manual	1
Package	1