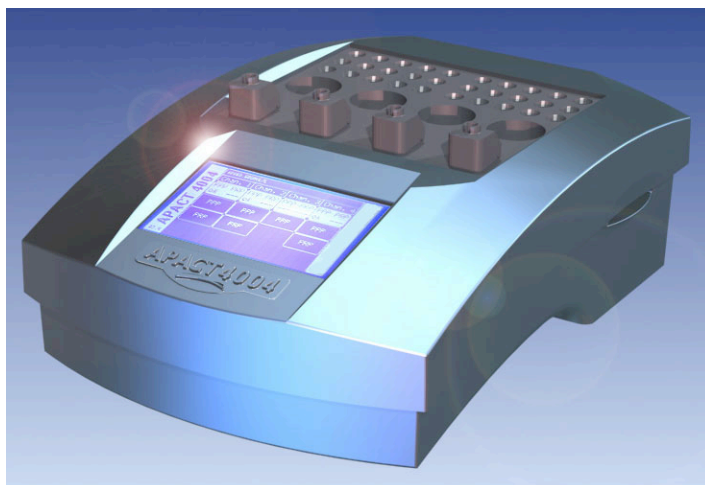


APACT 4004

**4-Channel Platelet Aggregometer
according to Born**



Specifications:

Type of instrument	Measuring instrument for thrombocyte function diagnostics
Intended use	Induced thrombocyte aggregation from platelet-rich plasma
Method of operation	Semi-automatic
Measuring principle	Photometry
Sensitivity	< +/- 2% with a 50% control suspension
Test throughput rate	Depends on duration of measurement
Cuvette volume	Min. 150 µl, max. 300 µl (Test mix)
Mixer drive	0-2000 rpm, adjustable
Limitations	Not for whole blood aggregation tests
Software	Loaded into memory
Light source	LED Photometer, wavelength 740 nm

Display	Touch sensitive display with 5 lines of 10 characters each; resolution 240 x 128 pixels
Incubation block	Controlled at 37.4°C +/- 0.3°C
Measuring channels	4
Reagent holders	For 4 positions, diameter 32.0 mm
Cuvette positions	2 x 15
Consumables	Reagents, cuvettes, mixers
Measuring time	From 1 s to 3600 s max.
Interface	2x RS 232, 1x LAN (optional)
Storage media	Socket for MMC/SD card ChipCARD reader
Printer memory	10 KByte
Power consumption	43W
Mains supply voltage	100-240V, 47/63Hz mains filter and fuse holder
Fuses	230V/50Hz: 1,6A Time lag, 115V/60Hz: 1.6A Time lag
Types	5 x 20 mm glass tube fine wire fuses 250V Time lag, acc. to. IEC 60127-2/III at 230V or 5x20 mm Glass tube fine wire fuse 250V Time lag acc. to UL 248-14 at 115V mains supply voltage
Printer	External, connected via RS232 interface Recommended printer type Seiko/Epson DPU414
Ambient temperature	Operating temperature: +10°C to +30°C Transport/storage -20°C to +55°C The instrument should only be shipped and stored in its original packaging and in conditions within the specification for temperature and humidity.
Rel. humidity	< 85% non-condensing
Noise emission	< 70 dB (A)
System time	Real time clock for date and time
Dimensions	25.0 x 32.5 x 14.0 cm (W x D x H)
Weight	5.3 kg

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