

advanced
medical
instruments



STRING[®]
advanced medical instruments



opus

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AUTO

0.07 - 90 / 50 Hz
filter

10 mm/mV
calibration

25 mm/s
speed

6x2+1
output

opus[®]

**Advanced
electrocardiograph**

Opus 1 is an ultra-modern 12-channel electrocardiograph designed for the most demanding users. The 10" high-resolution touch screen allows for simultaneous monitoring of all 12 leads and the high-quality printouts on 210 mm wide paper, provide a perfect diagnostic image. It has a unique feature of changing sample levels up to 16,000 guaranteeing exceptional clinical precision.

It is equipped with a high-capacity hard disk drive, from which it is possible to wirelessly export test results [tests] in many formats [e.g. PDF, XML, SCP] to an HIS [Hospital Information System] server or CardioCLOUD [cloud storage]. The additional space designed for a backup roll of paper allows for continuous testing.

Opus 1, as a standard provides the possibility of using online technical support and data protection. Order point and CardioCLOUD are available in the Premium subscription package. The device is available in 3 color options.

technical parameters

Opus 1

Display	LCD IPS 10,1" ,1280x800px
Stored records	minimum 100 000
Printer	210mm roll/z-folded , A4 external laser or ink printer
Sampling frequency ECG	up to 16 000 Hz
Export/Import	HL7, DICOM, Cloud, PDF, XML, SCP
Interface	Wi-Fi/LAN, Bluetooth, HDMI Full HD, USBx3, SD Card, network printers
Paper Speed	5, 10 ,25 50, 100 mm/s
Pacemaker	full detection
Adaptable main filters	50/60 Hz
Muscle tremor filters	25, 35, 45 Hz
Baseline filters	0.15 - 1.5 Hz
Battery life:	up to 8h
Main supply	100 -230 V 50-60 Hz



features
and
benefits



■ **Data protection** is the solution to meet your information security needs.

- Encryption of data and communication protocols [HL-7, Dicom, PACS] ensures complete security.
- Systematic database backup.
- Secure profiles help you keep your information in order and control access rights.



■ The **online assistant** is a direct help with Opus 1, whose task is to help you remotely while working with the unit.

- Diagnostics of the device.
- Configuration assistance.
- Software updates.
- Backup and restore of factory data.
- Optimization of settings and tips for using all of the functions.



■ Built-in **Order Point** allows you to quickly order the necessary accessories and save valuable time.

- Online ordering of consumables
- Time-saving
- Quick delivery time for the required accessories



■ **CardioCLOUD** provides access to ECG tests from any device [e.g. mobile, PC] and location.

- Storage of tests in a secure cloud
- Full integration with the Hospital Information System [HIS]



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