

# Innomed Medical



## ArguSys++ FD/ER Holter Monitoring System



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### COMPLEX SERVICES IN THE FIELD OF 72-HOUR AMBULATORY ECG DIAGNOSTICS

- 3-channel holter units with pacemaker detection
- Excellent and affordable to filter out risky patients (ER - Event Recorder).
- The complete configuration satisfies the highest scientific requirements (FD Clinic - Full Disclosure).
- Electrode placement and signal quality can be checked on the display of the recording unit.
- Measurement can be started with no need for PC.
- Analysis runs automatically after the quick data transfer, so the results are immediately accessible.
- The analysis result can be reclassified beat-by-beat or by QRS types.
- Fast, simple and informative software for PC: trends, arrhythmia groups, ST events.
- Flexible report creation possibilities by pre-defined and user-defined report formats.

[www.innomed.hu](http://www.innomed.hu)

## ARGUSYS++ TECHNICAL DATA

### Recorder:

- › Number of channels\*: 3
- › Input signal range:  $\pm 5$  mV
- › Frequency range: 0.05 Hz-40 Hz /-3dB
- › A/D resolution: 10 $\mu$ V
- › Sampling frequency: 250 Hz
- › Defibrillator protection in the patient cable
- › Power supply: 2 x "AAA" alkaline or min. 1200 mAh NiMh rechargeable batteries
- › Display: 100 x 64 graphic LCD
- › Curve speed on the display: 25 mm/sec
- › Data storage: in uSD memory card
- › Size: 105x58x18.5 mm
- › Weight: 100 g including batteries

### Holter:

- › Data transfer: via USB port
- › Transfer of 24-hour data in 60 seconds
- › Operating system: Windows 95/98, Windows 2000, Windows XP, Windows 7
- › Complete arrhythmia analysis: max. 1 minute/24 hours (in FD version)
- › Reanalysis: max. 1 minute (in FD version)
- › "QRSMIX" morphological classification
- › Adjustable effective T- and P-wave filter

### Number of channels\*:

- in case of 5-lead ECG cable: 2 + 1 calculated channels
- in case of 7-lead ECG cable: 3 channels

## SERVICES

Recording unit:	ArguSys++-ER	ArguSys++-FD/Basic	ArguSys++-FD/Clinic
Small size	*	*	*
Graphic LCD	*	*	*
3 ECG channels	*	*	*
Pacemaker channel		*	*
Dual-battery power supply	*	*	*
Patient event button	*	*	*
<b>Analysis system</b>			
Full-disclosure data storage		*	*
Safe artefact detection		*	*
Adjustable artefact sensitivity			*
HR-, ST-trends	*	*	*
QT trends			*
HRV analysis time range			*
HRV analysis frequency range			*
Interactive ST analysis and statistics			*
Atrial fibrillation analysis module			*
QRS morphological classification			*
Adjustable arrhythmia conditions			*
Rhythm interference reclassification			*
QRS sample reclassification beat-by-beat			*
Color-coded VES and SVES beats	*	*	*
Flexible, editable diagnosis	*	*	*
Patient data management	*	*	*
Cardiological database management (InnoBase for Windows)	*	*	*



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