

Ultimate Holter Analysis

NH-301 Ambulatory System



Norav Medical's **Holter Analysis** System provides complete ambulatory recording up to 14 days, in an advanced and compact device.

Based on Norav Medical's market-leading ECG processing, the systems delivers true 12-3 lead high-quality Holter acquisition.

NH-301 HOLTER ANALYSIS AMBULATORY ACQUISITION

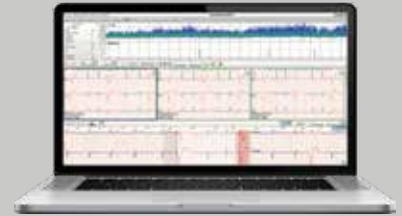
- 2, 3 and 12 Leads ECG
- Up to 14 Day Recording
- Audible Diary Recording
- Patient Physical Activity Monitoring
- Large LCD Display
- Respiration Trends
- Pacemaker Analysis
- Arrhythmia, ST, HRV & QT Report and Analysis

The NH-301 Holter Analysis System functions independently as a standalone application or can be linked to the Norav Medical ECG Management System (NEMS).

FEATURES

- High Resolution ECG Processing
- Durable, Lightweight & Water Resistant
- Atrial Fibrillation Rhythm Interpretation
- Seamless Integration with HIS / EHR
- Straightforward Installation and User Friendly
- Remote Analysis / Uploader

Norav Medical's NH-301 Holter ECG offers a complete and intuitive true (12-3) lead analysis system in a durable yet compact device. NH 301's non-stop data acquisition over a period up to 14 days makes Holter ECG analysis and monitoring simpler.



Recorder Features	NR-302	NR-314	NR -1207	NR-1207-3
ECG Channels (Patient ECG Cable):				
- 3 Channels (3 Lead Wires)	✓	✓	✓	✓
- 3 Channels (5 Lead Wires)	✓	✓	✓	✓
- 3 Channels (7 Lead Wires)	✓	✓	✓	✓
- 12 Channels (10 Lead Wires)			✓	✓
ECG A2D Bits: Acquisition 24b/ Storage 12b	✓	✓	✓	✓
USB 2.0 Data Transfer	✓	✓	✓	✓
Flashcard Reader	✓	✓	✓	✓
Bluetooth Wireless Transmission		✓	✓	✓
ECG + Holter Recording Online Wireless Transmission				✓
Operating Time	48 H	336 H*	336 H* / 168 H**	
Lead OFF Detection	Yes			
Pacemaker Pulse Detection	From 0.1 to 2 ms at 2 to 700 mv			
Signal Dynamic Range	± 5 mV			
DC Max. Input	± 800 mV			
Resolution	12 bits (2.44 µV / LSB)			
ECG Sampling Rate	250	250, 500, 1000		
Input Impedance	> 10 MOhm			
CMMR	> 90 dB			
Frequency Range (-3db)	0.05 – 65 Hz	0.05 – 260 Hz		
Memory Capacity	512 MB	2 GB		
Battery	1 x AA size Alkaline or NIMH			
Size	92 x 75 x 23 mm (3.62" x 2.95" x 0.9")			
Respiration (Thorax Impedance Variations Recording)	N/A	Yes		
Patient Physical Activity Monitoring	N/A	Yes		
Voice Note (Audible Diary)	N/A	Yes		
Weight	103 gr (3.63 oz) without the battery			
Safety Standard	IEC 60601-1; IEC 60601-2-47; IEC 60601-1-11			
Operating Temperature	10°C to 45°C (50°F to 212°F)			
Storing Temperature	-20°C to 60°C (-4°F to 140°F)			
Humidity	10 – 95%			
IP Rating	IP22			
Software Features				
Sensitivity	5, 10, 20, 40 mm / mV			
Horizontal Scale	12.5, 25, 50, 100 mm / sec			
Low Pass Filter	Yes	20, 35, 40 Hz		
Base Line Filter	Yes			
Line Noise Filter	50 / 60 Hz			

* 14 days using 3 channels, 250 s/sec with a lithium battery

**7 days using 12 channels, 250 s/sec with a lithium battery

All Norav Medical products are ISO 13485, CE, 510(k) and Health Canada certified.

