



- Small size and light weight by wearing as pendant
- Much shorter ECG cables, better quality signals and longer life of cables
- Only 3 or 4 electrodes for 2 or 3 channels in standard mode
- Embedded graphic screen to control immediately the data
- High speed data downloading in 4s/24h with 2 channels in standard mode



Pediatrics



Sports medicin



Elastic belt with permanent electrodes

Holter AFT answers precisely requirements of cardiologists in the way of **Easy & Fast** „

Quality

- Short cables reduce noises
- High sampling frequency for an excellent ECG reproduction
- High quality input amplifiers
- Recording of patients with Pace-maker

Comfort

- Wearing as pendant
- High satisfaction rate of patients

Reliability

- Internal chip flash memory to avoid risks of bad contacts
- ECG data cannot be erased till memory is downloaded to the PC
- Disposable pouch and absence of adhesive for a longest useful life

Long term

- Continuous recording of ECG up to 22 days
- 1 standard alkaline or rechargeable AAA battery up to twenty recordings

Extra

- ECG trans-telephonic transmission
- Environment recordings (Battery, Temperature and Spatial position)

Each recorder is delivered with a 2 channels ECG cable for 250 samples per second and the Quick Reader® software to download and read ECG data on a Windows (XP or Vista) based PC. User's guide for the recorder is in the memory of the recorder (in pdf format). The Quick Reader software has its own hypertext help file

AFT SERIE HOLTER RECORDERS

A NEW STATE-OF-THE-ART TECHNOLOGY
FOR AMBULATORY ECG MONITORING

INNOMEDIQ™
• YOUR PATIENT WILL BENEFIT •

Product specifications



ECG features:

- Recording Without compression, 22,5Mbytes/channel/24h at 250Hz
- Channels 1 to 3 channels, depending of the ECG cable.
- Resolution..... 12 bit, 10µV in standard & 2,5µV in high quality (HQ) mode
- Sample rate 250Hz (standard) & 1000Hz (HQ with 1000 series)
- Frequency response..... 0.05Hz to 80Hz (400Hz HQ) -3dB
- Storage Flash internal memory 0,5 to 1 Gbyte
- Pace-maker spikes detection on all channels (HQ recording recommended)

Electrical:

- Input impedance 40M between 2 leads
- CMR ratio >60dB from 10 to 120Hz
- Power consumption <3mW (250Hz 2 tracks)

Environment recording:

- Battery voltage..... resolution 10mV, 0.1Hz
- Temperature resolution 0.1°C, ±3°C, 0.1Hz
- Spatial position (optional) X,Y, Z accelerometers. 0.1Hz
- Leads impedances permanent measurement (used by the scanner: recognizes disconnected electrodes periods)

Physical:

- Dimensions 41 x 65 x 14,5mm (1,61" x 2,56"x 0,57")
- Weight *with battery* 28g (1 oz) without battery, 42g (1,5 oz) with battery.
- Enclosure..... Molded polycarbonate hard plastic.
- Display Build in graphic OLED.

ECG connectors:

- 1 channel 2 leads 250 s/s for long term follow up
- 2 channels 3 leads 250 s/s delivered with the device, for Holter or long term follow up
- 3 channels 4 leads 250 s/s for 3 channels Holter in rhythmology or ST analysis.
- 2 bipolar ch. 5 leads 250 s/s (1000s/s)..... for 2 channels standard Holter (HQ)
- 3 bipolar ch. 7 leads 250 s/s (1000s/s)..... for 3 channels standard Holter (HQ)

Battery:

- Type 1 x AAA (LR3) alkaline or rechargeable NiMH battery
- Life: 22 days with 1200mAH battery (2 channels 250Hz)
- Battery change Restart automatically recording, without erasing previous.

Teletransmission by phone:

- Method..... Frequency modulation
- Center frequency 1900 Hz
- Frequency deviation 100Hz/mV.
- Transmission of : Channel A or selected channel on display

Set-up:

- Adjustment (no. channels, sample/s): automatically (automatic ECG connector identification)
- Date and time Adjustable after power-up

Environment:

- Operating temperature: 0°C (32°F) to 50°C (122°F)
- Non-operating temperature: -20°C (-4°F) to 65°C (149°F)
- Operating Humidity 10% to 95% (non condensing)

Warranty 2 years

Models: Long term series (10 days*) AFT250-01-A AFT1000-01-A (HQ capability)
Very long term series (22 days*) AFT250-01-B AFT1000-01-B (HQ capability)
Spatial position sensor: option for all models: add suffix "X" to the name.
* : 2 channels 250Hz



Specification subject to change, please contact our local partner for the latest data.



Nieuwlandlaan 1c
3200 Aarschot

Tel.: +32 (0)16 25 26 90
Fax: +32 (0)16 57 25 90

www.innomediq.com
info@innomediq.com