

CARDIAC EVENT
RECORDER
WITH ATRIAL
FIBRILLATION
AUTO-CAPTURE

*Capture ECG
data associated
with unexplained
symptoms the
SMART way*



HEARTRAK SMART AF™

ONLY UNIVERSAL MEDICAL'S CARDIAC EVENT RECORDER CONTAINS THE PROPRIETARY SMART AF™ ALGORITHM THAT DETECTS ATRIAL FIBRILLATION WITH A HIGH LEVEL OF ACCURACY.

Technology built on success

Universal Medical, Inc. took the proven form, function, and technology found in the Heartrak Smart "family" of event recorders and added the SMART AF™ algorithm to increase the diagnostic yield of patient monitoring.

Maximize your monitoring outcomes

In addition to symptomatic events recorded by the patient, Heartrak Smart AF automatically records asymptomatic ECG data without patient involvement. Heartrak Smart AF uses accurate, embedded algorithms to detect and record episodes of Atrial Fibrillation, Bradycardia, and Tachycardia. The ECG data that Heartrak Smart AF provides can help physicians with early diagnosis and treatment of illusive arrhythmias.

Monitoring made simple

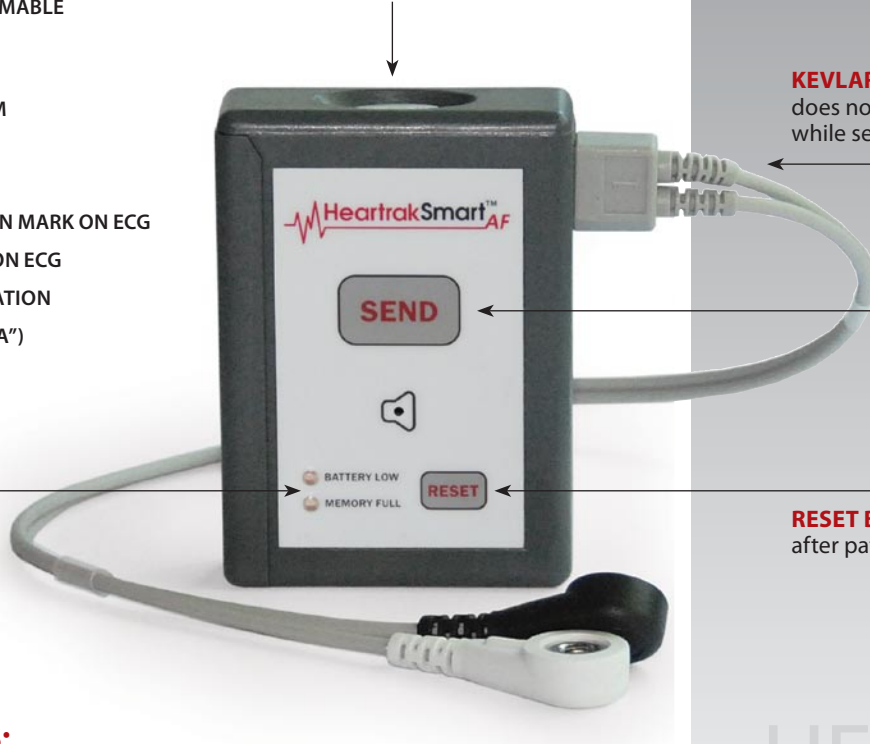
Heartrak Smart AF is a comfortable and convenient monitor for patients to wear and use during day-to-day activities. The recorder's extended memory and programming options offer the physician flexible set-up and configuration.

WHAT'S INSIDE?:

- 15 MINUTES OF PROGRAMMABLE ECG MEMORY
- SMART AF™ ALGORITHM
- BRADY/TACHY ALGORITHM
- AUTO CAPTURE ON/OFF
- PACEMAKER CHANNEL
- AUTO-TRIGGER INDICATION MARK ON ECG
- TIME/DATE STAMP MARK ON ECG
- AUDIBLE OR SILENT OPERATION
- 14 DAY BATTERY LIFE (1 "AA")

LED alerts patient when battery needs replacement and when memory is full

Recessed **RECORD BUTTON** prevents accidental patient activated ECG recording



KEVLAR® based patient lead set that does not require patient to unplug while sending ECG data

Clearly marked **SEND BUTTON** to send stored ECG data

RESET BUTTON that activates only after patient has sent stored ECG's

SPECIFICATIONS:

PHYSICAL	
Dimensions	2.9 Length x 2.1 Width x .7 Thickness (in)
	7.4 Length x 5.3 Width x 1.8 Thickness (cm)
Weight (with battery)	90 gm (3.17 oz.)
ELECTRICAL	
Center Frequency	1965 Hz (typical)
Frequency Deviation	100 Hz/mV (typical)
Bandwidth	0.05 to 30 Hz
Sampling Rate	205 Hz
ADC Resolution	8 bits
Input Impedance (with supplied leads)	@ 5 Hz = 2 MOhms Minimum
Leads	One Channel Producing One Lead
MEMORY	
Total Recording Time	900 seconds (15 minutes)
Memory Hold Time	10 Years Minimum
BATTERY	
Type	1.5 V "AA" Alkaline (1)
Life	14 Days
WARRANTY	
	1 Year

HEARTRAK SMART AF



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