

SpiderFlash⁺

patient Activated

The non-invasive alternative

SpiderFlash™ is the innovative Loop Recorder by ELA Medical, based on an extended loop memory and an SD card. By introducing a prolonged autonomy, it can represent an alternative to insertable loop recorders.

■ UP TO 1 MONTH CONTINUOUS MONITORING

Patients with transient symptoms such as syncope, palpitations, shortness of breath, dizziness... can be monitored continuously up to 30 days¹.

Patients wear SpiderFlash comfortably in a necklace-like position and hook it and unhook it themselves taking care of skin tolerance.

■ UP TO 30 MINUTES ECG PER EVENT

Thanks to an SD card, SpiderFlash™ has an unmatched recording capability of many hours of ECG events with an outstanding signal quality.

SpiderFlash™ can record the ECG up to 15 minutes² of pre-activation time plus up to 15 min of post-activation as many times as the patient needs.

Therefore an event can be caught even if the activation is done after the symptom (for instance, activation after fainting when the patient comes to).

■ SET-UP RECORDING PARAMETERS

Thanks to the Hook-up software, many recording parameters can be programmed and the ECG quality can be checked.

You can select how many minutes of ECG pre- and post-activation will be recorded at each event. You can also select times and duration of daily automatic recordings (Autotimer activation).

Compatibility

SpiderFlash™ is compatible with EventScope software.

¹ According to the recording parameters

² 1 channel recording

ela
A SORIN GROUP COMPANY



EVENTSCOPE

More than a viewer

EventScope is the software compatible with SpiderFlash.

- You can review the hook-up parameters.
- You can browse ECG strips in standard ECG, full disclosure or in the event list view.
- You scroll strips and look for events.
- You can use calipers.
- You can insert labels on events, investigate the possible mechanisms leading to that and make comments on the ECG.
- You select strips, make the report and print them out.

Technical data

SpiderFlash⁺

Sampling rate: 200 Hz
Frequency response: 0.05 - 80 Hz
Resolution: 10 μ V
Common-mode rejection: 94 dB
Input dynamic range: \pm 16 mV
Pre-activation time: 900 sec for 1 channel,
450 sec for 2 channels
Post-activation time: 900 sec for 1 or 2 channels
Maximum recording in Autotimer: 900 sec
Maximum number of events recorded:
1200 in case of 1 channel, 2 min ECG per
activation on a 32 MB SD card
Battery: one AAA 1.5V LR03 alkaline battery
Battery life: 30 days for 1 channel, 20 days
for 2 channels continuous loop monitoring
39 days for 1 channel, 26 days for 2 channels
if unhooked the night

Weight: 50g without battery (15g for
standard alkaline)
Dimensions: 75 x 50 x 19,5 mm

Cable specifications:
1 channel 2 electrodes (RC031)
2 channels 3 electrodes (RC032)

Memory cards SD/MMC: 16MB (LA453) ,
32MB (LA451), 64MB (LA452)

Single use pouch (RG009): 10 bags in
polyamide, for the best hygienic conditions
Hook-up cable kit (LA448) Infra-red serial
cable and CD

SpiderFlash™ is compliant with IEC 60601-1
standard

EVENTSCOPE

- Event list
- ECG strips scrolling forwards and backwards
- ECG speed and amplitude adjustment
- Full disclosure
- Insertion of labels and comments on ECG strips
- Measures of RRs and heart rate on 2 beats
- User defined report

ela
A SORIN GROUP COMPANY

SORIN GROUP
AT THE HEART OF MEDICAL TECHNOLOGY

ELA Medical - C.A. La Boursidière - 92357 Le Plessis-Robinson Cedex - France
Tel.: +33 (0)1 46 01 33 33 - Fax: +33 (0)1 46 01 34 66
www.elamedical.com