

BLU RUNNER™

AMBULATORY RECORDER

BLU RUNNER™ is the most versatile ambulatory recorder now available for gastrointestinal motility and pHmetry studies. Designed to do long term ambulatory recording (days) it can be easily converted in a stationary system. BLU RUNNER™ is a unique device for multiple applications that confirms the creativity of the small Italian industries.



APPLICATIONS

BLU RUNNER™ is an innovative device, fully expandable with multiple applications, such as:

Gastroenterology

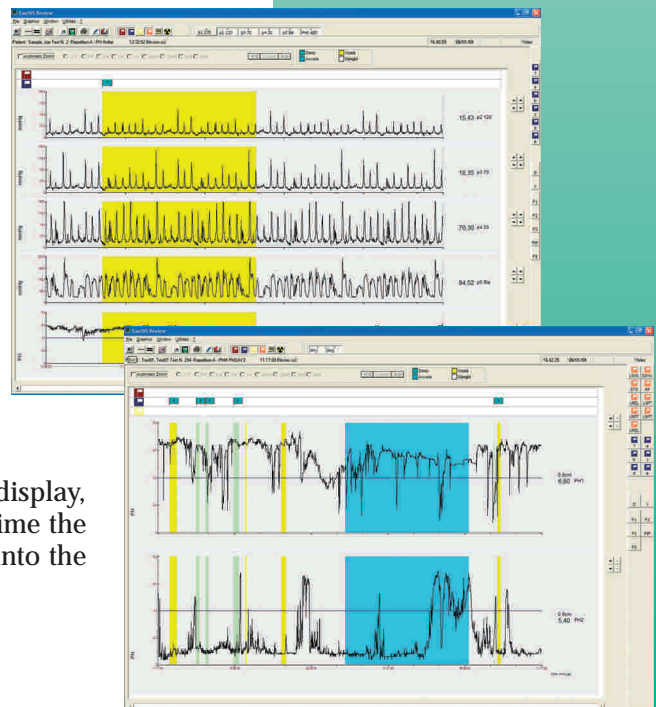
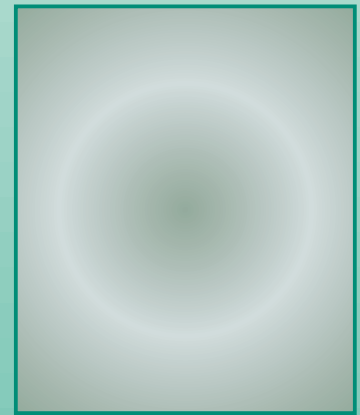
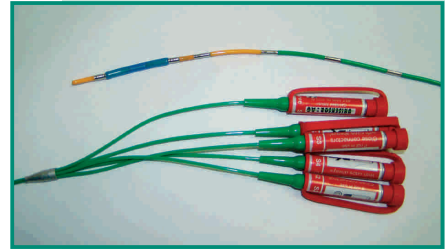
- Oesophageal Manometry e pHmetry, combined or separate
- Small bowel manometry
- Biliary ways manometry
- Colon manometry
- Anorectal manometry
- EMG, free or combined
- Live Recording

Urodynamics

- Bladder Pressure
- Urethral Pressure
- Abdominal Pressure
- Flow
- Volume
- EMG, free or combined
- Live Recording

FEATURES

- Up to 8 channels, Plug-and-Play type for recording of Pressure, pH, EMG, Flow and Volume in different combination;
- Compatible with pressure transducer, solid-state catheters, glass and antimony probes and needle and surface electrodes;
- Separate sampling rate for each channel;
- Large graphic LCD display, touch-screen type to set up the study and to show the tracing;
- Up to 4 measurement curves can be displayed simultaneously in real-time during the investigation;
- Data are saved on a Multimedia™ Card, 64 MB or larger. It is enough to perform ambulatory studies lasting 2-3 days;
- The recorded data are downloaded in a Personal Computer by inserting the Card in a reader device connected to a USB port thus improving the downloading speed (100 faster than the IR downloading. There is no need of connecting cables between the recorder and the computer;
- Small keyboard with 5 user event keys to be used by the patient to mark symptoms, meals and other events. Braille marks make easier the identification of each buttons;
- Power supply: 2 or 4 batteries, AA size;
- Full range of software packages in Windows 2000/XP for Personal Computer or Laptop computer, Pentium type;
- GASTROENTEROLOGY. By using solid-state catheters we can do long term recording of the whole digestive tube motility. In oesophagus we can do combined pHmetry and manometry investigations using 1 or more pH channels and 1 or more Pressure channels. The software packages, fitted with automatic analysis algorithms, detect the events of interest and supply a complete report;
- URODINAMYCS. BLU RUNNER™ offers the possibility to do long term recordings of the bladder, urethral and abdominal pressures. EMG tracings can be recorded alone or combined. The device can be connected to a flowmeter to record uroflowmetry;
- STATIONARY SYSTEM. A wide range of modules and software packages is available to turn the device in a stationary system for Urodynamics and/or GI Motility investigations;
- LIVE RECORDING. Thanks to its graphic LCD display, BLU RUNNER™ can be used to record in real time the parameters of interest, for example the pressure into the LES when a myotomy is being performed.



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