WE ALWAYS CONCENTRATE ON NEUROMEDICAL FIELD

CONFIGURATION - ACCESSORIES	EMS-9U1	EMS-9U2
2 MHz PW hand-held Probe	•	•
4 MHz CW hand-held Probe	•	•
Remote Control with Customizable Function Keys	•	•
Probe Holder	•	•
Power Supply	•	•
CD of TCD Software	•	•
User's Manual	•	•
4/8MHz CW probe Option	•	•
2MHz PW Monitoring Probes Option	•	•
Monitoring Headframe Option	•	•
Special TCD Bag	•	•

FEATURES	EMS-9U1	EMS-9U2
Configurable Monitoring Protocols	•	•
Bilateral Monitoring		•
Unilateral Monitoring	•	•
PDF/WORD/XML/BMP Report	•	•
Multi-language Support	•	•
Multi-depth Technology	•	•
Data Recording and Playback	•	•
M-mode Display	•	•
HITS Account and Recording	•	•
EDS Emboli Detection	•	•
Data Backup and Restore	•	•
DICOM Software	•	•
Configurable Report Template	•	•
Plotting Vasospasm Trends	•	•
USB Connection	•	•

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EMS-9 U

Innovative Transcranial Doppler (TCD) Technology

EMS-9U

The"Future"of TCD


Multi-depth


Long-time Monitoring

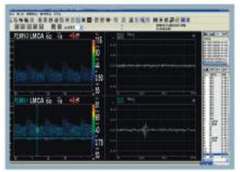

HITS Detection

Multi-gate Dynamic M-mode

Applications

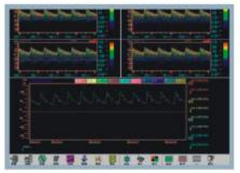
- Detection and monitoring of vasospasm following aneurysmal subarachnoid hemorrhage.
- Evaluation of the Circle of Willis arterial system and side branch cerebral circulation.
- Screening for basilar artery stenosis.
- Diagnosis of intracranial stenosis and occlusion.
- Evaluation of intracranial effects of extracranial stenosis,including assessment of collateral flow pathways.
- Evaluation of vasomotor reserve**(CO_2 Reactivity)**.
- Support of the diagnosis of brain death.
- Evaluation and monitoring of intracranial blood flow during surgical procedures.
- Detection of patent foramen ovale**(PFO)**.
- Identification of feeder arteries in AVM's.
- Clotbusting: help screen and diagnose stroke.
- Analysis of temporal variability in embolization and optimal recording protocols construction.

As a world-renowned medical equipment manufacturer specialized in Transcranial Doppler field, Delicate has developed and continuously improved its TCD systems to serve its customers from all over the world. Delica EMS-9U series TCD has been widely recognized and welcomed by its users for its **advanced features and excellent performance.**



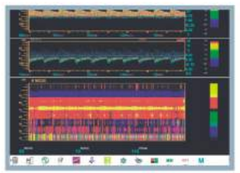
EMBOLI DETECTION SOFTWARE

High Intensity Transient Signals (HITS) include emboli and various types of artifacts (e.g., patient movement, probe movement, environmental noise, etc.). As a standard feature for EMS-9U series TCD, it can automatically detect, count and record emboli.



AUDIO & SPECTRAL DATA STORAGE AND PLAYBACK

The original audio and spectral data can be continuously recorded without time limit and stored in patient's database. Quick screenshot is added in event list for review. All waveforms and audio, including FFT spectra, event markers, moving M-mode, and HITS can be playbacked. It is available for future review and post processing of raw data. It also provides an option for offline analysis of emboli detection.



MULTI-GATE M-MODE

Multi active gates of Doppler can be simultaneously displayed through a multi-depth approach per probe. M-mode display simplifies the spectral information for each depth to reflect power and direction. Since all the Doppler data is available all the time with M-mode, quick location of vessel and accurate assessment of change are facilitated.

USER CONFIGURABLE PRINTED REPORT

Delica professional TCD software provides the most flexible report with customizable report template. Hospital logo and circle of Willis are selectable to display in the report. It is easy to preview, store internally, print directly from system, or export. PDF, XML, BMP, WORD, or (optional) DICOM formats are available with the program.

AREAS OF USE

- Neurology
- Neurosurgery
- Cardio and Vascular Surgery
- Anesthesiology
- Intensive Care
- Stroke Unit
- Vascular Lab
- Neurovascular Lab
- Organ Transplantation
- Internal Medicine
- Radiology