Technical Note

HD03 Patient-less Measurement Module (PMM)

Background

Over the past quarter century there has been increased sensitivity to the privacy of individuals undergoing medical treatment. Various countries have enacted laws to protect the privacy and confidentiality of its citizens. To comply with these privacy concerns from customers around the world, Transonic offers an HD03 PMM (Patient-less Measurement Module) that does not record any patient information or measurement data. The HD03 PMM features:

• Simplified parameter entry;	• No measurement image storage capability;
• No patient entry capability;	• No measurement trending capability;
• No patient selection capability;	• No synchronization capability;
• No patient scheduling capability;	• No administrator requirements.
• No measurement storage capability;	

Because HD03 systems with the Patient-less PMM does not store measurement results as do HD03 systems using the HD03 Data Transfer Modules (DTMs), the operator has to manually record the patient's measurements as they appear on the screen before moving on to a new measurement.

Comparison between HD03 Patient-less Measurement Modules (PMM) and HD03 Data Transfer Modules (DTM)	
HD03 PMM (No Patient Information)	HD03 Standard DTM (With Patient Information)
An HD03 PMM Hemodialysis system measures Delivered Blood Flow, Recirculation and Vascular Access Flow with a PMM inserted into the back of the HD03 Monitor. It does not have the capability to input patient information, store measurements or trend measurements.	A standard HD03 Hemodialysis system consists of a touch-screen monitor with a DTM inserted into the back of the HD03 Monitor that records patient measurements. Delivered Blood Flow, Recirculation and Vascular Access Flow can be measured. The DTM can be removed and transferred to a PC computer where it can be synchronized with its companion HD03 Administrator software program for trend analyses, adding, editing and other functions.
HD03 PMM Hemodialysis System Features: • No patient entry or selection • Simplified parameters entry • No synchronization with Administrator software on a computer required • Measurement results must be recorded manually on the patient's paper or electronic record immediately after they appear on the screen.	HD03 DTM Hemodialysis System Features: • Patient List(s) • DTM: Portable Storage for Patient Measurement & Memory Capability (minimum 265MB) to record and store patient measurements with an encrypted patient name and patient ID to ensure a stolen or copied DTM will not reveal patient information. • Synchronization Capabilities with HD03 Administrator software program loaded on a computer. • Enhanced Data Management Capabilities with the HD03 Administrator Program. • Each DTM is licensed to work only with a Transonic HD03 Monitor. Any other flash device will fail, thus ensuring that patient name and ID data cannot be off loaded onto any external device.

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