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.

Because HD03 Monitors with the Patient-less PMM do 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 Monitor measures Delivered Blood Flow, Recirculation, and Vascular Access Flow. It does not have the capability to input patient information, store measurements or trend measurements.	An HD03 DTM Hemodialysis Monitor measures Delivered Blood Flow, Recirculation, and Vascular Access Flow. The DTM can be removed and transferred to a computer where it must be synchronized with its companion HD03 Administrator software program for trend analyses, adding, editing, and other functions. **NOTE: The facility IT must allow the Transonic Administrator Software to be downloaded to the computer. The use of a USB device into the computer without auto-encryptions must also be enabled. Any encryption of the USB device will lead to malfunction of the USB.**
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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