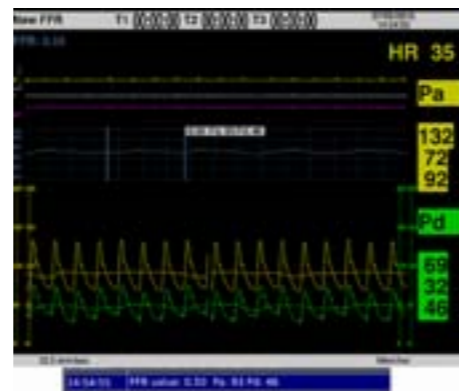# Horizon XVu Key Options

XVu FFR software

Measurement and documentation of Fractional Flow Reserve is performed easily and fully on the Horizon XVu catheterization system without the need for a stand alone FFR device.

The Mennen Medical Horizon XVu is compatible with Volcano©, St Jude (RADI)© , ACIST© pressure wires.

State of the art Pediatric Software

• Shunt & Resistance Calculations

• Complete Mullin's diagrams for Congenital Heart Disease

• Custom Defined Site Labels give physicians total control of values used for calculations.

• Oximetry View - Enables to select pressure and saturation values for calculations, editing of values before calculation & inserting pressure data into heart diagrams.

HemoCIS plus database on XVu

The HemoCIS plus is a powerful Information System.

The HemoCIS plus option can be accessed directly from the Horizon XVu, thus giving the technicians and physicians full capabilities of the database.

The HemoCIS plus includes in a single system, all the necessities of a catheterization ward: Scheduling, Inventory, Billing, Patient files, Outcome Reporting, Statistics.

Bidirectional connectivity capabilities provide easy, rapid and efficient data flow and users can choose to connect the Horizon XVu procedure room to:

HIS ADT by HL7, DICOM worklist, Laboratory Information System (LIS), Hospital Billing System, Reporting by HL7 and XML

mennen medical
since 1963

www.mennenmedical.com

Israel: Mennen Medical Ltd.
6 Ha-Kishon Street, Yavne.
P.O. Box 102, Rehovot 7610002, Israel.
**Phone:** +972-8-9323333
Fax: +972-8-9328510

United States: Mennen Medical Corp.
290 Andrews Road.
Feasterville-Trevose, PA 19053-3480, USA.
Phone: +215-259-1020
Fax: +215-357-2010

United Kingdom: Charter Kontron Ltd.
Unit 18 Avant Business Center 21
Denbigh Road Milton Keynes MK1 1DT, UK.
**Phone:** +44-1908-646070
Fax: +44-1908-646030

mennen medical
since 1963

Horizon XVu
Hemodynamic Monitoring
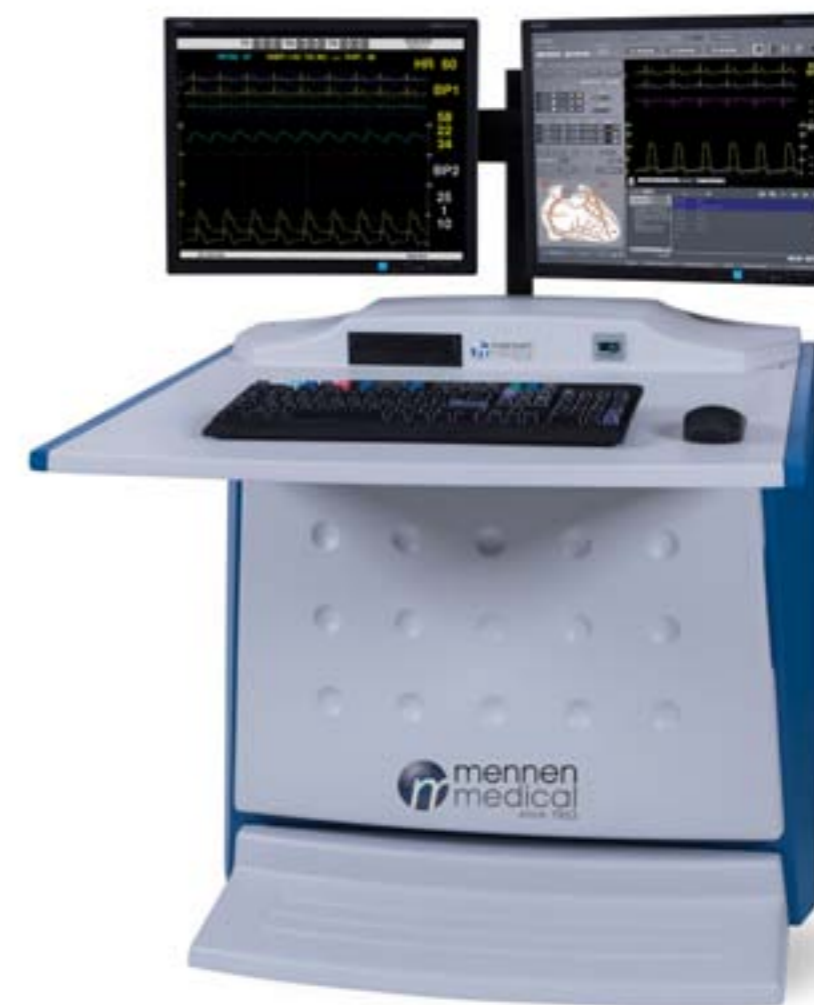
We Follow Every Beat of Your Heart

FDA Cleared
**This product is CE certified**

Horizon XVu

Embedded with fast performance, an ultra modern user interface and an exceptionally accurate analysis system, the XVu is designed for network connectivity and efficient workflow integration as part of Mennen Medical's total IT solution. Combined with user-friendly windows and an intuitive graphic interface, the system suits Cardiac , Peripheral and Hepatic angiography procedures.
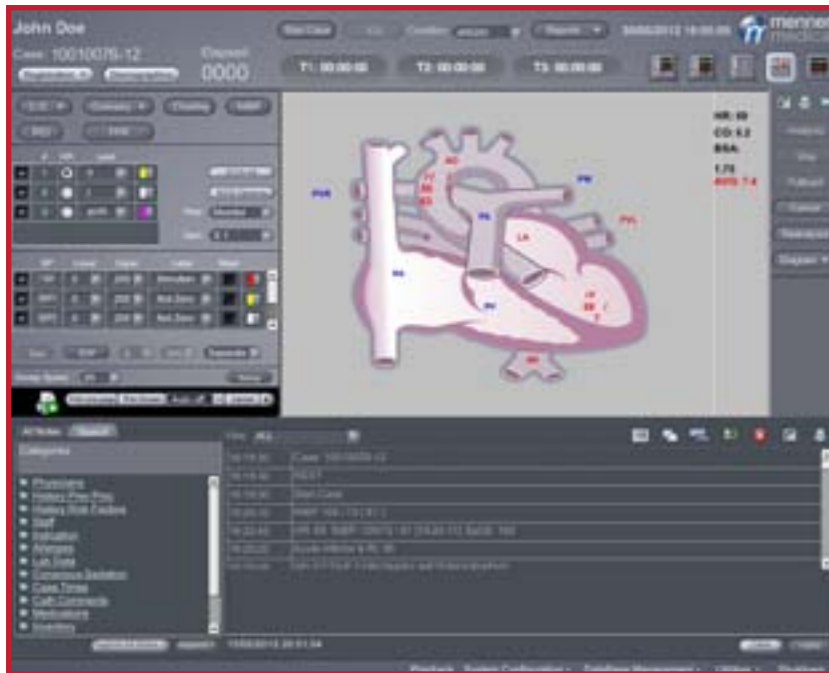

XVu display layout designed for Right and Left Heart procedures where detailed site analyses, heart editor and oximetry analyses are routinely performed.
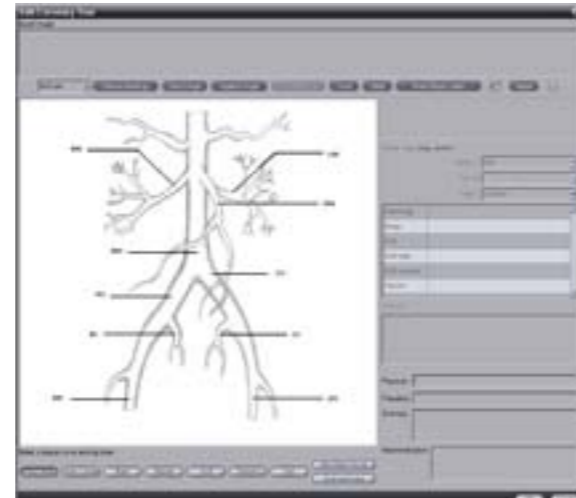
A choice of optional diagram packages (Pediatric, Hepatic and Peripheral) provide the full complement of specially designed ready to diagrams. These contain pre-defined sites conveniently categorized into libraries.
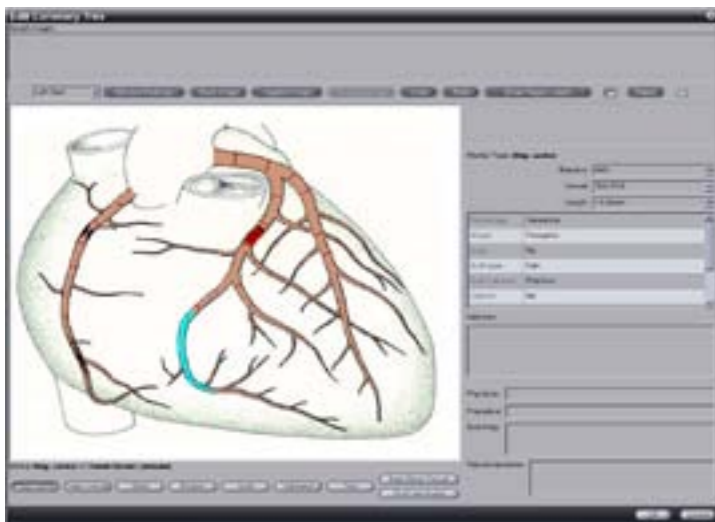
XVu Coronary diagram dedicated for graphical representation of Interventional Procedures. Editing capabilities provide easy marking of lesions, balloons, stents, grafts and collateral blood vessels.
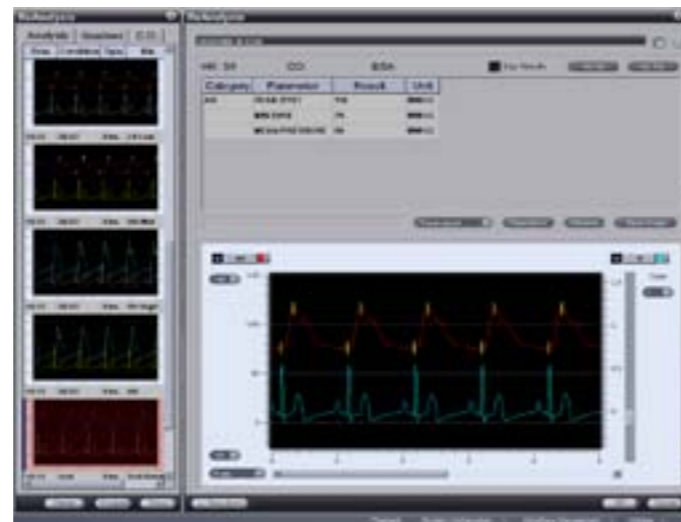
XVu Analysis window for graphical and numerical display of acquired waveforms. Option buttons provide access for easy editing of results and for re-analyzing all previously acquired waveforms.

CFE Signal Acquisition Module

The CFE is Mennen Medical's proprietary innovative Front-End.
It's exceptionally small size allows it to be rail mounted on the Procedure Table for maximum space saving utilization.
The CFE acquires patient vital sign data which includes:

- ECG
- NIBP
- SpO2
- Resp
- Invasive BP (4 Ch)
- Temperature (2 Ch)
- ICECG* (6 Ch)*
- End-Tidal CO2*
- Cardiac Output

Easily accessed controls on the unit allow for In-Room Personnel to perform critical functions (zero BP; NIBP measurement, etc.)

Horizon XVu Benefits:

- Multiple procedure oriented tasks
- Complete Hemodynamic Analysis & Calculations:
  - Simultaneous Multi Pressure Analysis or Pullback
  - Automatic LV-AO Pullback
  - Gradient / Valve / Resistance
  - Oximetry Package
  - Thermodilution or Fick formula for Cardiac Output
- Integrated FFR Analysis*
- Integrated ST Analysis
- Comprehensive Pediatric Package*
  - Oximetry View
  - Complete Mullin's diagrams
- Peripheral Package *
- Hepatic Package *
- ICECG Lead Capability (6 Ch)*

- Complete Full Disclosure Playback
- Diagrams for easy Documentation*
- Pre-configured and Customer Configurable Note "kits"
- Versatile Customized Reporting
- Keyboard Quick Keys
- Import / Export Connectivity - HL7/ DICOM / XML Interfaces*
- HemoCIS plus*
- Remote Service via MODEM / VPN
- Network Storage and Archive Capability for All Procedural Data
- Remote desktop connectivity
- Bar Code scanning capability
- Remote Interactive Terminal
- Multiple languages availability

*Optional