

# DIGITAL MDM<sup>®</sup>



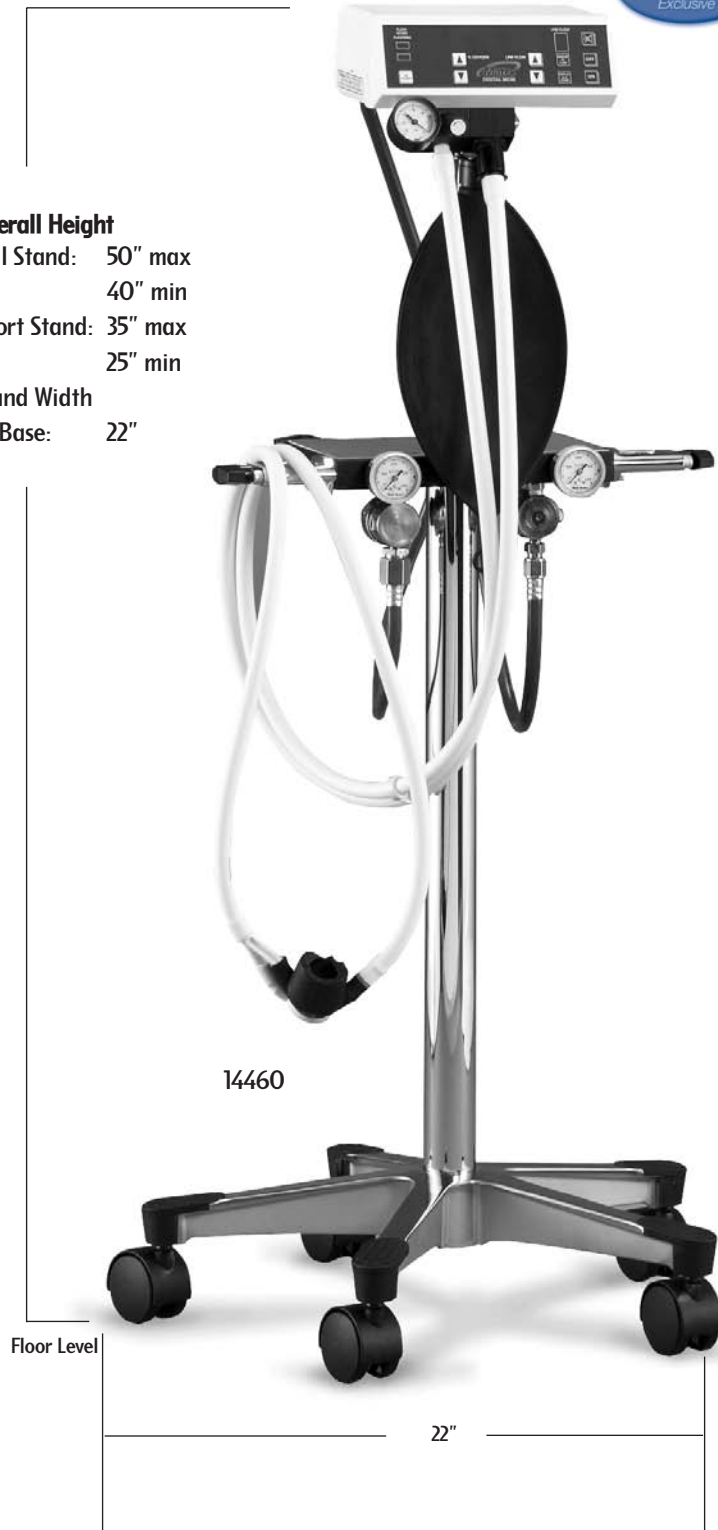
## Electronic Percentage Mixer

### Overall Height

Tall Stand: 50" max  
40" min

Short Stand: 35" max  
25" min

Stand Width  
at Base: 22"



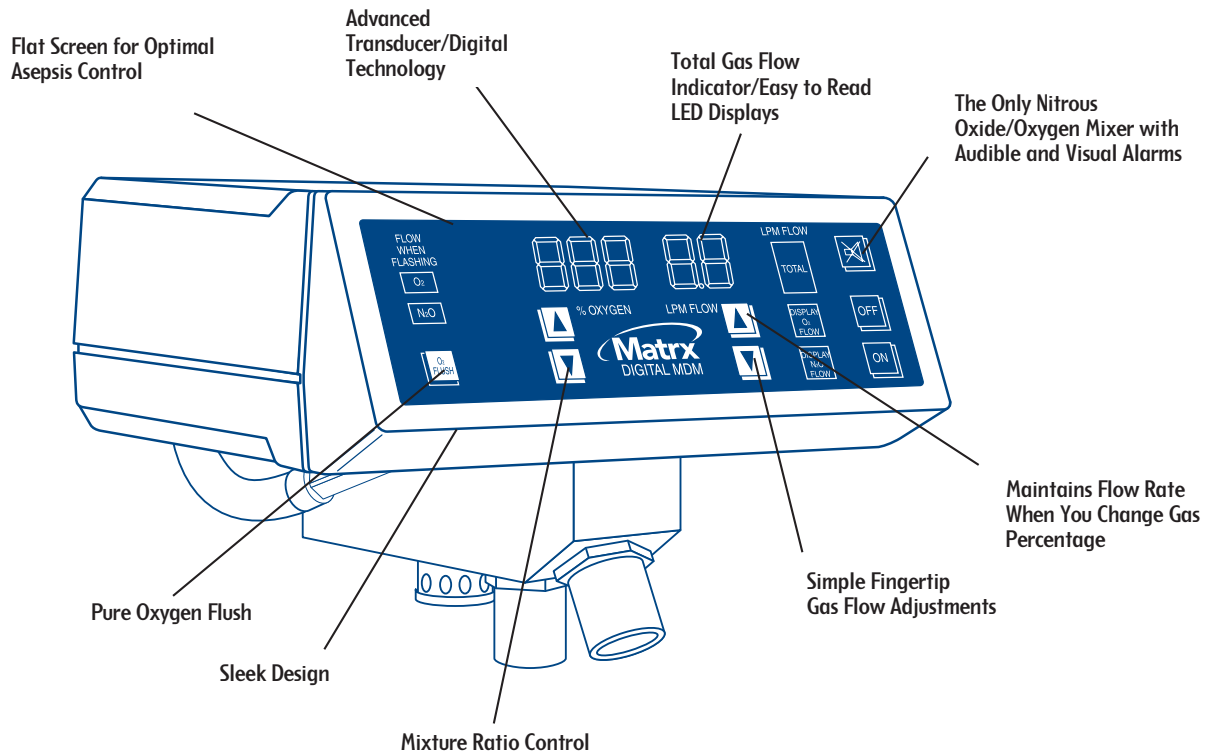
14460

Floor Level

22"

- **Auto-Compensation:** the only electronic mixer technology that maintains flow when you change gas mixture percentage. Also maintains percentage when you change flow rate.
- **Optimal Asepsis Control:** the Digital MDM's unique flat screen flowmeter is made to allow for optimal asepsis control.
- **Separate Controls:** allow you to vary total volumetric flow and mixture percentage of oxygen.
- **Oxygen Fail-Safe:** if the oxygen supply is interrupted or inadvertently cut off, the Digital MDM<sup>®</sup> will immediately discontinue the flow of nitrous oxide.
- **Audible & Visual Alarm System:** the Digital MDM has a complete alarm package featuring Oxygen/Nitrous Oxide Supply Failure Alarms, 1 LPM Oxygen Limit Alarm, and a Flush Flow Low Alarm.
- **Minimum Concentration of 30% Oxygen:** the Digital MDM will not provide oxygen concentration below 30%.
- **Automatic Air Intake Valve:** if the contents of the breathing bag are depleted, the air intake valve automatically opens, providing room air to the patient.
- **Non-Rebreathing Circuit:** a check valve in the mixed gas outlet protects the patient from rebreathing exhaled gases.
- **Auxiliary Oxygen Outlet:** an outlet is provided for the attachment of the optional "3-in-1" Demand Valve Resuscitator.
- **D. I. S. S. Gas Connections:** gas connections on the Digital MDM conform to the industry standard diameter indexed safety system (D. I. S. S.).
- **Pure Oxygen Flush:** the only mixer that automatically delivers 100% oxygen during flush by electronically discontinuing the nitrous oxide flow.

# DIGITAL MDM<sup>®</sup> Nitrous Systems



Digital MDM <sup>®</sup> Specifications	
Standard Head Dimensions: (H x W x D)	5.5" x 8" x 10" (13.97 cm x 20.32 cm x 25.4 cm)
Portable Stand Dimensions: Overall Height Tall Stand: Overall Height Short Stand: Stand Width at Base:	50" max - 40" min 35" max - 25" min 22"
Flush Mount Dimensions: (H x W x D) Small Bezel: Large Bezel: Large Bezel with O <sub>2</sub> Outlet:	4-1/4" x 9-11/16" x 6-1/2" 4-1/4" x 12-5/8" x 6-1/2" 4-1/4" x 12-5/8" x 6-1/2"
Weight	6 pounds (2.7 kg)
Mixed Gas Outlet Diameter	15mm ID / 22mm OD nominal
Oxygen Inlet	Male DISS (CGA-1240)
Nitrous Oxide Inlet	Male DISS (CGA-1040)
Inlet Pressure (Each Gas)	50-55 psi
Oxygen Mix Ratio Range	30% - 100%
Flow Range Maximum	9.9 LPM
Oxygen Flow Range	1 - 9.9 LPM
Nitrous Oxide Flow Range	0 - 7 LPM
Input Supply Voltage	115 VAC nominal
Line Frequency	60 Hertz
Fuse (Reorder #63882534)	1/2 Amp Time Delay

For complete warranty information, see page 76.