

MD.2 Automated Medication Dispensing Unit

Technical Specifications

MD.2 Engineering/Clinical Specifications

- 50cc Dosing cups
 - Hold 15-25 oral medications per dose
- 60 dosing cup capacity
 - Up to 6 doses per day
- 23 pre-programmed voice/text reminder messages
- Weight: 11 lbs w/batteries
- Size: 13" x 13" x 14" cylindrical
- Shipping size and weight:
 - approximately 18"x18"x20", 19 lbs
- Power < 3 W
- Battery backup
 - 8 alkaline C cells or Rechargeable
 - 12 hrs MIN, 18 hrs TYP continuous usage
- Reliability: > 3yr MTBF
- Dual RJ 11 telephone jacks
- Communications (Support Center)
 - Standard telephone line interface (POTS)
 - Internal 14.4 Kbps MODEM
 - Call out only capability for security
- Communications (Caregivers):
 - Calls up to 4 caregiver sequentially for missed dose, refill machine (72-96 hours prior), low battery, empty, AC on/off, machine error
 - Caregiver must acknowledge call by pressing 1
 - Automatic recalls to caregiver (3 cycles)
 - Support Center informed if no caregivers reached
- Complies with industry standard regulations including
 - FCC Part 68
 - FCC Part 15
 - ETL
- Options
 - Integrated Personal Emergency Response System (PERS) with 2 way voice
 - 2nd call center communications capability
 - Additional operator interactive medication compliance capability
- Future Expansion Capabilities
 - RS-232-C serial port
 - Speakerphone/recorded voice capability (approximately 10 sec of voice message memory)

National Support Center Specifications

- Customer service and support
 - New installation support
 - Answer user and caregiver questions
 - New customer inquiries
 - Change/modify information
 - Troubleshooting support
 - Available 8AM-9PM EST 7 days per week
- Designed for 100% availability
 - Redundant Support Center element (hard disks power supplies, processors)
 - 4 Centrex lines presently, expandable > 64 lines as required
- Microsoft® Windows NT® O/S
- Intel Pentium® IV based Server system
- SQL Database
 - Designed to handle > 100,000 users
 - Detailed unit delivery statistics stored
- Remote Support Center software available
 - Allows customers to run support functions at their own facility
 - PC based, runs on Windows NT® / Microsoft® Access
 - Uses facilities/customers existing phone lines

Internet Access and Capabilities

- Complete access to user information and settings
 - Password protected
 - Initial data entry, schedule and setting changes all handled on-line
 - Use to monitor users compliance and statistics
 - Detailed reports available on-line to both individual and corporate/institutional users
 - Available 24/7
- Two websites
 - **www.imd2.com** for individual users
 - **www.imdorgsupport.com** for Corporate/Institutional Users