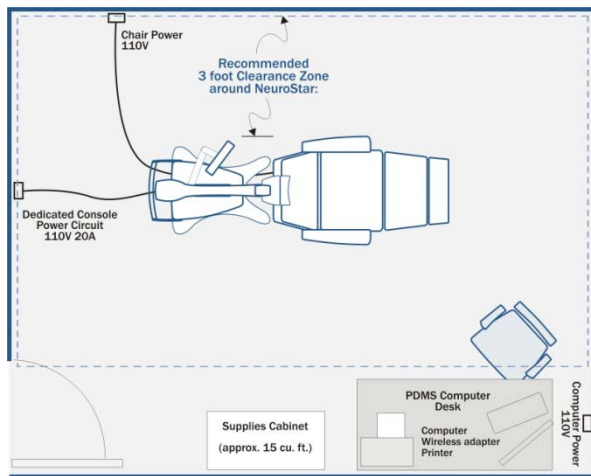


NeuroStar TMS Therapy[®] System Version 1.7

Technical Data Sheet

NeuroStar Facility Requirements	
Mobile Console Power	110VAC, 20A, 60Hz (dedicated circuit)
Chair, PDMS Computer Power	110VAC, 15A, 60Hz
Recommended space around NeuroStar to allow good access	9' x 15'
Recommended room size	12' x 15' (8' ceiling)
Minimum room size	8'6" x 12' (7'6" ceiling)
Temperature	60°- 77°F (15°-25°C) Recommended 72°F (23°C)
Humidity	30% - 75% (non-condensing)
Altitude	to 10,000' (3084 m)

NeuroStar Physical Specifications	
Mobile Console weight	255 lbs (115 kg)
Chair weight	160 lbs (73 kg)
Chair maximum capacity	400 lbs (182 kg)
Mobile Console footprint	27"W x 43"L (max dimensions)
Chair footprint	33"W x 61"L (in reclined treatment position)
Overall system footprint	33" W x 92" L (positioned for treatment)



Sample Room Layout

NeuroStar Key Features and Performance Specifications	
Treatment Level Range	0.22 SMT to 1.6 SMT (calibrated linear output)
Induced electric field at 2cm at 1.0 SMT	135 V/m (nominal)
%MT Range	80% to 140%MT
Pulses per second Range	0.1 - 30 pps
Stimulation Time Range (i.e. pulse train duration)	1-600 seconds for 1 pps 1-20 seconds for >1 pps
Inter-train Interval Range	0-60 seconds for 1 pps 10-60 seconds for > 1 pps
Pulse Type	Biphasic Sinusoid
Pulse Width	185µS (nominal)
Pulses per treatment session	Maximum: 5000 Nominal: 3000
Coil Type	Ferromagnetic Core (high efficiency, low temperature, field-focusing)
Coil Positioning System	Integrated into head support Accurate and repeatable laser-aided coil placement
Treatment Quality Features	Magnetic field level detection Coil contact sensing
MT Level Determination Method	Proprietary MT Assist [®] algorithm
Patient Comfort Features	Surface field reduction Reclining chair & head support
User Controls	Color LCD 15" Touchscreen Graphical User Interface
Patient Data Security	HIPAA compliant features Back-up and archive capable
Safety	Certified to UL60601-1 & IEC 60825-1 Built-in NINDS limits

PDMS Computer Requirements	
Processor	Pentium M or Pentium 4 at 1GHz or greater
Operating System	Windows 7 Professional or Vista Pro Business 32 Bit SP2
RAM (minimum)	2 GB
Hard Drive	60GB HD @ 5400 rpm (min)
ROM Drive	48x CD ROM (min)
Graphics	1024x768 minimum resolution 32 bit color
Display/Monitor	19" LCD Flat Panel
Wireless Network Adapter	Linksys Wireless-G Router WRT54G2 or equivalent
Accessories	Standard keyboard, mouse, printer