



NP-Q 10/20

Perfect Clinical and Research Solution

NP-Q 10/20 -SPECIFICATIONS

Channels

QEEG specific: 19 Channels w/ Linked Ears Quick Connection port (25 pin Cap Receptacle)
5 Differential Input Channels for EEG/Biofeedback

Resolution

16 bit analog to digital converter
64, 128, 256 or 512 samples/second/channel

Amplifiers

- Gain: 36,000 (91 dB), typical
- Pass band: 1.4 Hz - 35 Hz (-3 dB)
- Two 4th-order Sallen-Key active filters, 48 dB/octave roll-off
- CMRR: 120 dB maximum, 100 dB typical 60 Hz rejection
- Noise: <300 nan-volts (RMS), inputs shorted

Input Range

0 - 120 microvolts

Electrodes

QEEG Quick Connect Port (25 pin Cap Receptacle)
5 Standard electrode inputs (1.5 mm touch-proof)

Montage Reference Configuration

Standard 10-20 configuration in Channels 1- 19

Interface to Host Computer

SCSI (Standard Centronics 50 pin connectors)
Compatible with desktop/laptop computers with adaptors
(SCSI adaptors (interface card) are sold separately)

Opto-Isolation

2500 volts RMS

Total Harmonic Distortion

-87dB
99.9% linearity in the opto-isolators

Calibration

Factory calibrated
Optional calibration certificate available
Optional calibration hardware available

Power

110/220 volts, 50/60 Hz input
15 watts power consumption

Operational Temperature

32 to 90 degrees F.

Dimensions and Weight

15 inches deep, 15.5 inches wide, 2.13 inches high
Main unit: 7.25 pounds External power supply: 2 pounds

Warranty

The NP-Q 10/20 is warranted to be free of defects which affect proper operation for a period of one year.

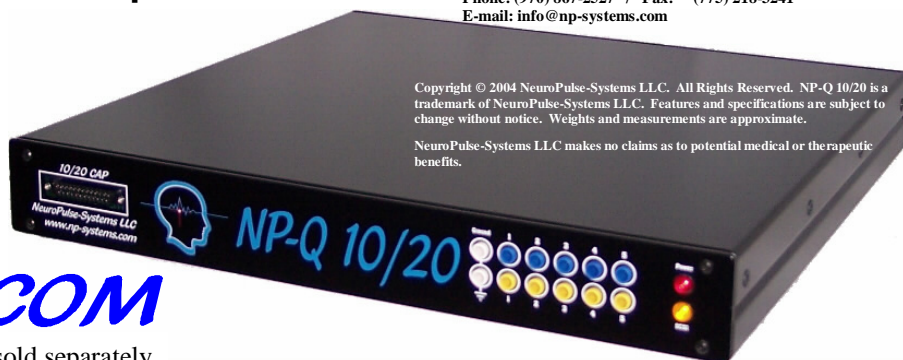
Optional Accessories

QEEG Compatible Cap, Calibration Certificate, Calibration Hardware, SCSI Interface Cards and more...
go to www.np-systems.com

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- ☐ The **NP-Q 10/20** represents the next generation of Mindset Technology.
- ☐ The **NP-Q 10/20** is elegant, sleeker and more powerful than ever.
- ☐ The **NP-Q 10/20** combines the power of Mindset Technology and NeuroGuide's accuracy into one handsome package.
- ☐ The **NP-Q 10/20** provides quick connect for QEEG acquisition without the need of cumbersome adapters and has five additional channels for custom EEG applications or Biofeedback.
- ☐ The **NP-Q 10/20** is part of the most affordable, cleanest signal, QEEG capable family of amplifiers available. Designed and manufactured in the USA by NeuroPulse-Systems, LLC.



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NeuroPulse-Systems LLC makes no claims as to potential medical or therapeutic benefits.

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* Computers, SCSI cards and other peripherals are sold separately.