BRAIN VISION
standard V-AMP

BRAIN VISION
Solutions for neurophysiological research

Versatile, portable and compact

16 channel EEG amplifier

- Compatible with passive, active gel and active dry electrodes
- Record a variety of signals: EEG, EOG, ECG & EMG
- Flexible trigger options
- High speed mode with 20 kHz sampling rate
- Add additional sensors for peripheral signals like GSR, blood flow and temperature

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Technical Specifications

Electrode options	passive, active gel, active dry
EEG channels unipolar	16
Auxiliary/bipolar channels	2
Common mode rejection	> 100 dB
Resolution	48.9 nV
Input noise	< 1 µVpp (0.5-30 Hz)
A/D conversion	24 bit
Sampling rate	up to 20,000 Hz
Range	± 410 mV
Input impedance	> 100 MOhm
Impedance measurement	Range 1-100 kOhm; Tolerance: 10%
Aux input range	± 5 V DC
Two separate trigger ports	8 bit D-Sub, 1 bit jack plug
PC Interface	USB 1.1 or higher
Power supply	via USB
Dimensions	170 x 125 x 30 mm
Weight	approx. 430 g