

Your Trusted Partner in Neuro & Medical Diagnostics  
An ISO 9001:2015 Certified Company | Supplying Only CE & CDSCO Approved Equipment  
25+ Years of Expertise in Cardiology & Computerised Diagnostic Equipment  
MSME Registered | Valid GST | GeM Registered Supplier  
PAN India Reach with Local Support Teams

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Website: <https://rshealthsupplies.com/>  
<https://www.rsenterprisesindia.co.in/>  
To,  
[Client Name]  
[Designation / Department]  
[Institution Name]  
[Address]

**Subject: Quotation for NEUROSTIM 2 CHNNEL MODEL ULTRA –  
Computerised EMG/NCV/EP System**

Dear Sir/Madam,

Greetings from R.S. Enterprises!

We take great pride in introducing our most advanced neuro-diagnostic solution – the  
\*\*NEUROSTIM (ULTRA)\*\*\*, a Windows-based, dual-channel EMG/NCV/EP system, engineered for  
precision, performance, and patient comfort.

As a company with 25+ years of focused experience in Neurology and Psychiatry diagnostics, we  
bring you CE and CDSCO approved products, MSME and GeM registered credentials, ISO 9001:2015  
certified systems, and a deep commitment to post-sales service across India.

Enclosed is the detailed proposal, including specifications, included accessories, pricing, payment  
terms, and bank details. We assure you of timely delivery, professional installation, and long-term  
support.

We would be honored to serve your institution and partner with you in delivering excellence in  
neuro-diagnostics.

Warm regards,  
Shashee Kumar  
Founder & Director  
R.S. Enterprises

## Quotation: NEUROSTIM ULTRA – Portable EMG/NCV/EP System

### Technical Specifications

### Price Quotation

Description	Quantity	Unit Price (INR)	Price Before GST	GST @12%	Total Price (INR)
NEUROSTIM NS-2 – EMG/NCV/EP Diagnostic System (Excl. Computer/Printer)	1	225,000	225000	27,000	252000

- Channels: 2 (Upgradeable to 4)
- Sensitivity: 0.1–500  $\mu$ V/div & 1–5 mV/div
- High Cut Filter: Selectable at 100, 200, 500 Hz and 1 KHz
- Low Cut Filter: Selectable at 2, 20, 30, 100, 200, 500 Hz and 1 KHz
- CMRR: > 100 dB
- Input Impedance: > 100 M $\Omega$  (Common Mode)
- Noise Level: < 2  $\mu$ V (10 Hz to 10 KHz)
- A/D Converter: 14-bit resolution

### Functional Capabilities

- Needle & Surface EMG with real-time data review
- Insertional, Spontaneous, Turn/Amplitude & Polyphasic Analysis
- Motor Unit Potential (MUP) Analysis
- Motor & Sensory Nerve Conduction Studies
- Blink Reflex, H-Reflex, F-Waves, Repetitive Stimulation
- Evoked Potentials: VEP, AEP, SSEP, P-300, MLR, LLR





### Features

- OS Compatibility: Windows 10/11
- Auto-marker for latency, amplitude, area & velocity
- Adjustable sensitivity & split-screen display
- Print preview with marker/comments
- Online Nerve-Muscle test directory with auto report generation
- Foot switch-enabled operation modes
- LED goggle stimulation compatible
- Color & Black printout support
- Data backup to floppy or hard disk
- Email-ready test reports
- Optional LAN Networking Support

### Standard Accessories

Accessory	Quantity
Disc Electrodes	10 Nos.
Ring Electrodes	4 Nos.
EMG Needle Connector	1 No.
EMG Needles	2 Nos.
Electrical Stimulator	1 No.
BAER Headphones	1 No.
Foot Switch	1 No.
Ground Wire	1 No.
Electrode Box	1 No.
Conductive Paste & Gel	2 Nos.
Measuring Tape	1 No.
CPU Interface Cable	1 No.
Sticking Tape Roll	1 No.
Software Backup CD	1 No.

Computer Hardware Compatibility NOT INCLUDED

- CPU: I3, 2.8 GHz, 4 GB RAM, 1TB,
- Monitor: 19" Color LCD – 2 Units
- Printer: HP Color Printer
- Input Devices: Keyboard, Mouse, Mouse Pad

#### Bank Details for Payment

Bank Name	Account No.	IFSC Code	Branch/Place
HDFC Bank	01512020001351	HDFC0000151	Siliguri
State Bank of India	41097222798	SBIN0000184	Siliguri

#### Terms & Conditions

- Quotation Validity: 30 Days
- Delivery Schedule: Within 2–6 weeks of confirmed order
- Warranty: 1 Year against manufacturing defects
- Delivery: F.O.R. Destination
- Mode of Dispatch: By Courier
- Custom Duty: To be borne by purchaser
- Payment Terms: 100% advance via RTGS/Cheque/DD,

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<https://www.rsenterprisesindia.co.in/>

To,  
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[Institution Name]  
[Address]

**Subject: Quotation for NEUROSTIM (NS-2) – Computerised EMG/NCV/EP System**

Dear Sir/Madam,

Greetings from R.S. Enterprises!

We take great pride in introducing our most advanced neuro-diagnostic solution – the **\*\*NEUROSTIM (NS-2)\*\***, a Windows-based, dual-channel EMG/NCV/EP system, engineered for precision, performance, and patient comfort.

As a company with 25+ years of focused experience in Neurology and Psychiatry diagnostics, we bring you CE and CDSCO approved products, MSME and GeM registered credentials, ISO 9001:2015 certified systems, and a deep commitment to post-sales service across India.

Enclosed is the detailed proposal, including specifications, included accessories, pricing, payment terms, and bank details. We assure you of timely delivery, professional installation, and long-term support.

We would be honored to serve your institution and partner with you in delivering excellence in neuro-diagnostics.

Warm regards,  
Shashee Kumar  
Founder & Director  
R.S. Enterprises

## Quotation: NEUROSTIM NS-2 – Portable EMG/NCV/EP System

### Price Quotation

Description	Quantity	Unit Price (INR)	Price Before GST	GST @12%	Total Price (INR)
NEUROSTIM NS-2 – EMG/NCV/EP Diagnostic System (Excl. Computer/Printer)	1	1,95,000	1,95,000	23,400	218,000

### Technical Specifications

- Channels: 2 (Upgradeable to 4)
- Sensitivity: 0.1–500  $\mu$ V/div & 1–5 mV/div
- High Cut Filter: Selectable at 100, 200, 500 Hz and 1 KHz
- Low Cut Filter: Selectable at 2, 20, 30, 100, 200, 500 Hz and 1 KHz
- CMRR: > 100 dB
- Input Impedance: > 100 M $\Omega$  (Common Mode)
- Noise Level: < 2  $\mu$ V (10 Hz to 10 KHz)
- A/D Converter: 14-bit resolution

### Functional Capabilities

- Needle & Surface EMG with real-time data review
- Insertional, Spontaneous, Turn/Amplitude & Polyphasic Analysis
- Motor Unit Potential (MUP) Analysis
- Motor & Sensory Nerve Conduction Studies
- Blink Reflex, H-Reflex, F-Waves, Repetitive Stimulation
- Evoked Potentials: VEP, AEP, SSEP, P-300, MLR, LLR

### Advanced Features

- OS Compatibility: Windows 10/11
- Auto-marker for latency, amplitude, area & velocity
- Adjustable sensitivity & split-screen display
- Print preview with marker/comments
- Online Nerve-Muscle test directory with auto report generation
- Foot switch-enabled operation modes
- LED goggle stimulation compatible

- Color & Black printout support
- Data backup to floppy or hard disk
- Email-ready test reports
- Optional LAN Networking Support

### Standard Accessories

Accessory	Quantity
Disc Electrodes	10 Nos.
Ring Electrodes	4 Nos.
EMG Needle Connector	1 No.
EMG Needles	2 Nos.
Electrical Stimulator	1 No.
BAER Headphones	1 No.
Foot Switch	1 No.
Ground Wire	1 No.
Electrode Box	1 No.
Conductive Paste & Gel	2 Nos.
Measuring Tape	1 No.
CPU Interface Cable	1 No.
Sticking Tape Roll	1 No.
Software Backup CD	1 No.

### Computer Hardware Compatibility NOT INCLUDED

- CPU: I3, 2.8 GHz, 4 GB RAM, 1 TB HDD,
- Monitor: 19" Color LCD – 2 Units
- Printer: HP Color Printer
- Input Devices: Keyboard, Mouse, Mouse Pad



#### Bank Details for Payment

Bank Name	Account No.	IFSC Code	Branch/Place
HDFC Bank	01512020001351	HDFC0000151	Siliguri
State Bank of India	41097222798	SBIN0000184	Siliguri

#### Terms & Conditions

- Quotation Validity: 30 Days
- Delivery Schedule: Within 2–6 weeks of confirmed order
- Warranty: 1 Year against manufacturing defects
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- Payment Terms: 100% advance via RTGS/Cheque/DD,



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Website: <https://rshealthsupplies.com/>  
<https://www.rsenterprisesindia.co.in/>

To,  
[Client Name]  
[Designation / Department]  
[Institution Name]  
[Address]

**Subject: Quotation for NEUROSTIM (NS-4) – Computerised EMG/NCV/EP System**

Dear Sir/Madam,

Greetings from R.S. Enterprises!

We take great pride in introducing our most advanced neuro-diagnostic solution – the **\*\*NEUROSTIM ULTRA (NS-4)\*\***, a Windows-based, FOUR -channel EMG/NCV/EP system, engineered for precision, performance, and patient comfort.

As a company with 25+ years of focused experience in Neurology and Psychiatry diagnostics, we bring you CE and CDSCO approved products, MSME and GeM registered credentials, ISO 9001:2015 certified systems, and a deep commitment to post-sales service across India.

Enclosed is the detailed proposal, including specifications, included accessories, pricing, payment terms, and bank details. We assure you of timely delivery, professional installation, and long-term support.

We would be honored to serve your institution and partner with you in delivering excellence in neuro-diagnostics.

Warm regards,  
Shashee Kumar  
Founder & Director  
R.S. Enterprises

## Quotation: NEUROSTIM NS-4 CHANNEL – Computerised EMG/NCV/EP System

### Price Quotation

Description	Quantity	Unit Price (INR)	Price Before GST	GST @12%	Total Price (INR)
NEUROSTIM NS-4 – EMG/NCV/EP 4 Channel System (Excl. CPU, Monitor, Printer)	1	250,000	250000	30000	280000

### Technical Specifications

- Channels: 4
- Sensitivity: 0.1–500  $\mu$ V/div and 1–5 mV/div
- High Cut Filter: Selectable at 100, 200, 500 Hz, 1 kHz
- Low Cut Filter: 2, 20, 30, 100, 200, 500 Hz, 1 kHz
- CMRR: >100 dB
- Input Impedance: >100 M $\Omega$
- Noise: <2  $\mu$ V peak-to-peak (10 Hz to 10 kHz)
- A/D Conversion: 14-bit

### Functional Modules

#### EMG

- Real-time data storage & review
- Needle & Surface EMG
- Recruitment, Insertional, Spontaneous, Turn/Amplitude & Polyphasic analysis
- Motor Unit Potential Analysis

#### Nerve Conduction Studies

- Motor & Sensory NCS
- Blink Reflex, H-Reflex, F-Waves
- Repetitive Stimulation / Myasthenia / Decrement

## Evoked Potentials

- Visual Evoked Potential
- Auditory Evoked Potential
- Somatosensory Evoked Potential
- P-300, MLR, LLR

## Additional Features

- Windows 10 /11 compatible
- 220V/240V 50Hz power operation
- Automarkers for latency, amplitude, area, and velocity
- Split-screen for multiple display
- Comment & marker facility on print
- Online report generation & directory
- Foot switch support from console
- LED Goggle stimulation support
- Archiving via floppy or hard disk
- Optional networking support
- Emailing test data
- Auto report generation with colored/black printouts

## Standard Accessories

Accessory	Quantity
Disc Electrodes	10 Nos.
Ring Electrodes	4 Nos.
EMG Needle Connector	1 No.
EMG Needle	2 Nos.
Electrical Stimulator	1 No.
BAER Headphones	1 No.
Foot Switch	1 No.
Ground Wire	1 No.
Electrode Box	1 No.
Conductive Paste & Gel	2 Nos.

# R.S. ENTERPRISES

## ISO 9001:2015 CERTIFIED

2510/1/E/V/2742/A RAM KRISHNA  
VIVEKANANDA SARANI, ZILA PARISHAD  
ROAD JYOTINAGAR SILIGURI-734001  
+91-9832362661 / +91-9474878436  
IEC: BHDP57640K, GST:19BHDP57640K1ZR



Measuring Tape	1 No.
CPU Interface Cable	1 No.
Sticking Tape Roll	1 No.

### Bank Details for Payment

#### ACCOUNT HOLDER NAME : R.S. ENTERPRISES

Bank Name	Account No.	IFSC Code	Branch/Place
HDFC Bank	01512020001351	HDFC0000151	Siliguri
State Bank of India	41097222798	SBIN0000184	Siliguri

### Terms & Conditions

- Quotation Validity: 30 Days
- Delivery Schedule: Within 2-6 weeks from confirmed order
- Warranty: 1 Year against manufacturing defects
- Delivery: F.O.R. Destination
- Mode of Dispatch: By Courier
- Payment Terms: 100% advance via RTGS/Cheque/DD OR NEFT.



### REACH US AT

rsenterprises227@gmail.com

www.rsenterprises14.shiprocket.social

# EMG / NCV / EP Machines

CE-Certified & CDSCO-Approved for Advanced Neurodiagnostics

We provide reliable EMG/NCV/EP diagnostic systems trusted by hospitals, neurology clinics, and research institutes across India. Our range includes compact 2-channel, versatile 4-channel, and premium multi-channel systems with Evoked Potential support—designed for accurate diagnosis, ease of use, and advanced clinical reporting.

## Comparison of Models

Features	Neurostim 2 Channel	Neurostim 4 Channel	EMG/NCV/EP Ultra
<b>Type</b>	Basic EMG/NCV diagnostic system	Advanced EMG/NCV diagnostic system	Premium EMG/NCV/EP system
<b>Channels</b>	2	4	Multi-channel (expandable)
<b>Operation</b>	PC-based with basic reporting	PC-based with enhanced software	PC-based with long-term data storage
<b>Key Features</b>	EMG & NCV, compact design	EMG, NCV, F-wave, H-reflex	EMG, NCV, F-wave, H-reflex, Evoked Potentials
<b>Portability</b>	Lightweight, easy to set up	Portable with extended functions	Advanced console with PC integration
<b>Power Supply</b>	USB / Mains powered	USB / Mains powered	Mains powered with backup
<b>Data Storage</b>	Basic storage & export	Enhanced storage & graph-based reports	Full-featured software with analysis
<b>Certifications</b>	CE, CDSCO approved	CE, CDSCO approved	CE, CDSCO, ISO certified
<b>Use Case</b>	Clinics, small hospitals	Neurology labs, teaching institutes	Advanced hospitals & research centers

## Accessories

- Surface & Needle Electrodes
- Stimulator Probes
- USB Interface & Amplifiers
- Patient Response Switches
- Software License & Reporting Tools
- Carry Case (for portable models)

📧 **For detailed pricing & quotation, contact us at:**

📧 [rsenterprises227@gmail.com](mailto:rsenterprises227@gmail.com) | 📞 +91 9832362661



# NeuroStim

EMG/NCV/EP System

the new generation

The flexible and economic »point of care« indigenous system



## Highlights

- Directly connect to USB port, no external power supply required
- Simultaneous acquiring and display of EMG from different group of muscles.
- Upto 13 minutes of continuous EMG wave form can be stored and replay with Audio.
- Simultaneous display of live and averages waveforms
- Auto marking of amplitude and latency
- More than one nerve can be listed on a single screen
- Comprehensive auto report generation with all test values in tabular form
- Report Printing in MS Word format
- In-built picture guide for muscle/nerves



MEDICAID

*...for Clinical, Routine & Research Use*



# NeuroStim

EMG/NCV/EP System

## Introduction

Neurostim developed & design by highly qualified technocrats having rich experience of 30 years in Biomedical Instruments provides reliability & quality service to the Neurophysiological community.

Neurostim is a complete system having facility to perform muscle EMG, complete nerve conduction studies & Evoke potential.

Neurostim is useful in the field of Neurology, Psychiatry, Physiology & Physiotherapy etc.



## After Sales back up The Backbone of our success

All equipments from Medicaid systems comes to you after thorough checking, testing & series of critical tests performed by the experienced & dedicated dealing hands to ensure better quality i.e. at par with world famous equipments and keep them functional hassle free.

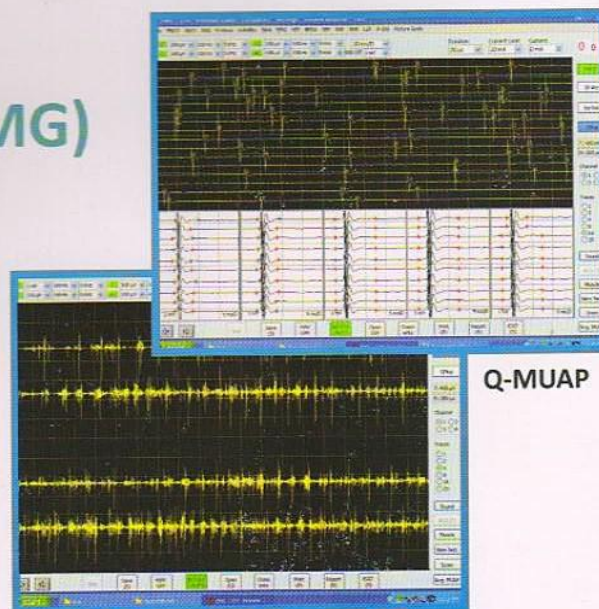
With the rapid change in technology the Medicaid's team of R&D engineers keep itself abreast with the latest technology for upgradation of the systems in order to compete world market.

Medicaid's team consisting of expert dealing staff is always available for customer's services nation wide.

By choosing Medicaid you always stay ahead of others.

## Clinical Electromyography (EMG)

- Needle & surface EMG, Turn/ Amplitude Analysis
- Spontaneous, Interference Pattern
- Q-Motor Unit Potential Analysis (Q-MUAP)
- Trigger EMG, Jitter EMG
- Upto 13 minutes storage facility of complete EMG Data
- Cascade or full screen EMG
- Single / Dual/ Four channel simultaneous acquisition



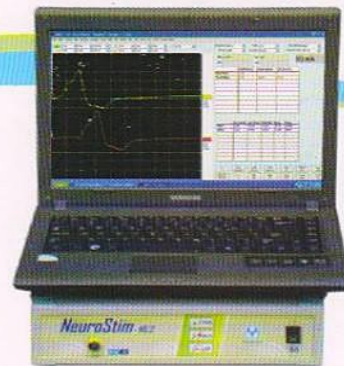
Q-MUAP

Cascade EMG



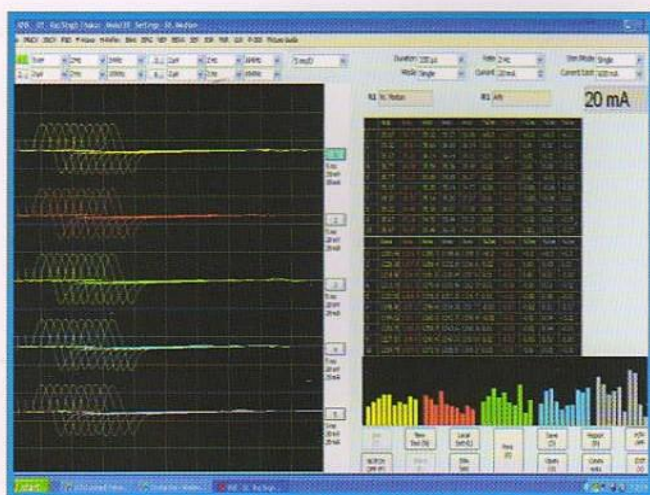
# NeuroStim

EMG/NCV/EP System

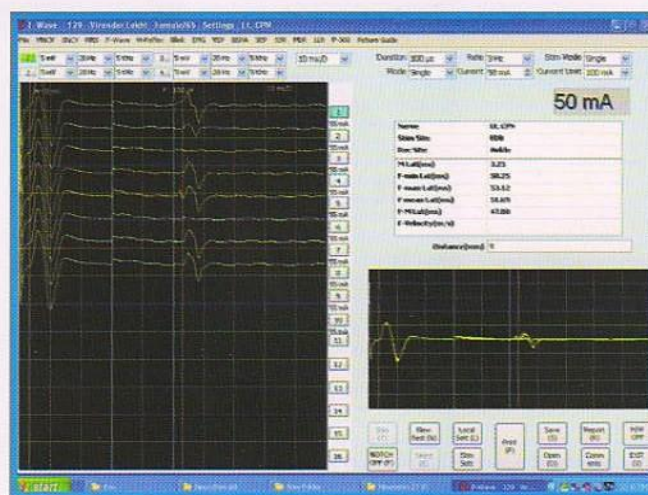


## Nerve Conduction Studies

- Motor Nerve Conduction
- F-Wave, H-Reflex, Blink Reflex
- Customised setting for individual nerve
- Auto Area & duration calculation
- Traces can be made smooth, drag, invert, cut, copy & paste
- Sensory Nerve Conduction
- RNS/ Decrement with spectrum plotting
- Auto storage of highest amplitude trace in MNCV
- Sensitivity & sweep of individual trace can be customised
- Super imposition of traces



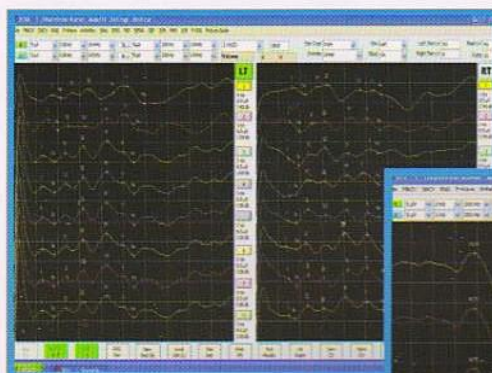
RNS



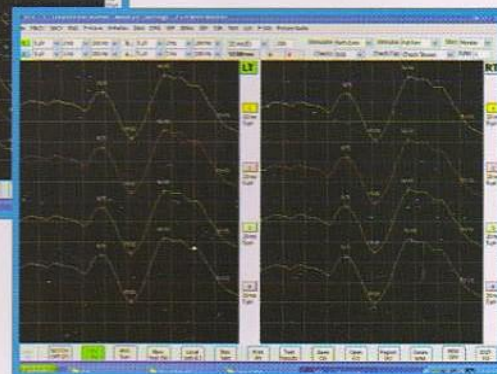
F-Wave

## Evoked Potentials

- Visual Evoked Potential
- Auditory Evoked Potential
- MMR, LLR & P-300
- Somatosensory Evoked Potential
- Markers can be customised
- Provision to display & store 16 waves
- Split Screen for viewing Ipsi and Contra recordings in BAER
- For VEP, Pattern reversal stimulation on checker, vertical bar & horizontal bar with different sizes
- Options for LED goggle and Flash stimulator



BAER



VEP

## Sympathetic Skin Response (SSR)

- Data updated every sec.



# NeuroStim

## EMG/NCV/EP System



### Model

NS-2 : 2 channel

NS-4 : 4 channel

### TECHNICAL SPECIFICATIONS

Channels	: 1, 2 or 4
Sensitivity	: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500uv/div; 1, 2, 3, 5, 10, 20 mw/div
High Cut	: Selectable at 100, 200, 500 Hz; 1, 2, 3, 5, 10 KHz
Low Cut	: Selectable at 0, 2, 20, 30, 100, 200, 500 Hz.
Sweep speeds	: 1 to 1000ms/ div in 19 steps (1, 1.5, 2, 3, 5, 7, 10, 15, 20, 30, 50, 75, 100, 150, 200, 300, 500, 750, 1000)
CMRR	: > 110 dB
Input Impedance	: > 100 M ohm (common mode)
Noise	: 0.5 uV (1 Hz to 10 kHz).

### A/D CONVERTER

18 Bit Analog - Digital Conversion

### AVERAGER

Number of averages per channel upto 100000

### ELECTRICAL STIMULATOR

Type	: Hand held, constant current electrical stimulator with stimulus intensity dial and stimulus trigger on handle. Save, Start/Stop & Select switches are provided on Stimulator
Isolation	: Electrically isolated stimulator with independent controls.
Electrical range	: 0-100 mA (0-400 volts) with adjustable duration, intensity and repetitive rate.
Duration	: 0.02, 0.05, 0.10, 0.20, 0.50, 1.0 ms.
Repetition rates	: 0.5, 1, 3, 5, 7, 10, 15, 20, 25, 30 PPS standard or any user definable value

### AUDITORY STIMULATOR (BAER)

Type	: Head Phone (TDH-39)
Stimulus	: Click Sound (Rare, Comp., Alt), Tone bursts, Pips, Pure tone.
Frequency	: 250 Hz to 8000 Hz.
Intensity	: 0-125 dB nHL or 30-140 dB SPL.
Presentation	: Left, right or both ears.
Click duration	: 100 us square wave clicks. Rarefaction, condensation or alternating polarity.
Envelopes	: Linear, Gaussian, Black man, Hanning
White Noise	: Contra lateral masking from 0 to 80 dB nHL.
Rate	: User definable.

### VISUAL STIMULATOR (VEP)

Video monitor	: Coloured VEP monitor for black and white, pattern reversal check board stimulation, vertical bars, horizontal bars. Features center fixation target, independent quadrant and half field stimulation.
Square sizes	: 1, 2, 4, 6, 8, 10, 12, 16, 22, 32, 64
Flash mode	: Available
Rate	: User definable.

### LED GOGGLES (OPTIONAL)

Flash/Pattern Stimulus Selectable For Right, Left Or Both Eyes

### LED STIMULATOR (OPTIONAL)

Pattern reversal/checkboard stimulator with red and black square and flash modes.

### STANDARD ACCESSORIES

Surface disk electrodes	: 10 Nos.
Sensory ring electrodes	: 04 Nos.
EMG needle connector	: 02 Nos.
EMG Needles	: 02 Nos.
Electrical Stimulator	: 01 No.
BAER head phone	: 01 No.
Foot switch	: 01 No.
Ground wire	: 01 No.
Electrode Box	: 01 No.
Conductive paste & gel	: 02 Nos.
Measuring tape	: 01 No.
CPU interface cable	: 01 No.
Sticking tape roll	: 01 No.
Software Backup on CD	: 01 No.

### COMPUTER HARDWARE (Optional)

Computer	: Dual Core 2.0 GHz, 2 GB RAM, 160 GB HDD, DVD ROM, Keyboard & Mouse
Operating System	: Window XP/2000/Vista
USB Port 2.0	: 2 Nos.
Monitor	: 15" Colour
VEP Monitor	: 15" Colour
Printer	: Any Inkjet printer supporting windows. (Laser printer optional)
Mobile cart	: Heavy Duty Wheel, locking facility with flexible arm stand

MARKETED BY  
R.S. Enterprises



ENTERPRISES

Head Office  
R.S. Enterprises  
Mayfair Crown B-202  
Zila Parishad Road  
Jyoti Nagar, Siliguri  
734001

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R.S. Enterprises  
Upohor Complex  
C-2/614, Chakgaria  
Kolkata - 94

Guwahati Branch  
R.S. Enterprises  
3rd Floor,  
Above Old SBI Building  
Ulubari, Guwahati  
781007

[www.rsenterprisesindia.co.in](http://www.rsenterprisesindia.co.in)

E-mail: [rsenterprises27@gmail.com](mailto:rsenterprises27@gmail.com)

Phone: 98323632661 / 9800685887 / 9474878436

MANUFACTURED BY  
Medicaid Systems



# neurostim ultra

EMG, NCV and Evoked Potential System

Directly connect to USB port, no external power required.



Hand Held Electrical Stimulator  
with adjustable head pin



## Advantages

- Easy laptop connectivity & ideally suitable in ICU's.
- EMG wave form can be stored and replay with Audio.
- Simultaneous display of live and averages waveforms.
- Auto marking of amplitude and latency.
- More than one nerve can be listed on a single screen.
- Report Printing in MS Word format.
- In-built picture guide for muscle/nerves.
- LED Goggles Flash/Pattern Stimulus Selectable For Right, Left or Both Eyes.
- Comprehensive auto report generation with all test values in tabular form.



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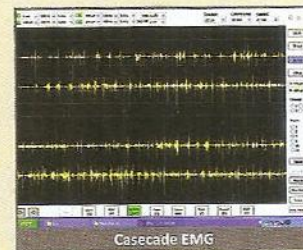
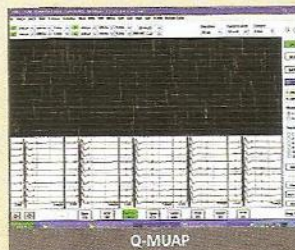
Serving Health..... Through Technology



# neurostim ultra EMG, NCV and Evoked Potential System

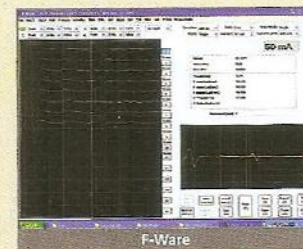
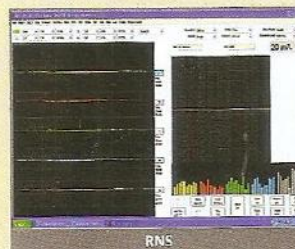
## Clinical Electromyography (EMG)

- Needle & surface EMG, Turn/ Amplitude Analysis
- Spontaneous, Interference Pattern
- Q-Motor Unit Potential Analysis (Q-MUAP)
- Trigger EMG, Jitter EMG
- Upto 13 minutes storage facility of complete EMG Data
- Cascade or full screen EMG



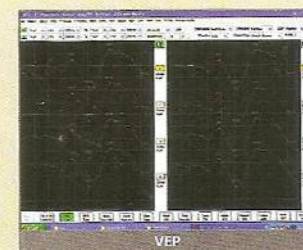
## Nerve Conduction Studies

- Motor Nerve Conduction
- Sensory Nerve Conduction
- F-Wave, H-Reflex, Blink Reflex
- Super imposition of traces
- Auto Area & duration calculation
- RNS/ Decrement with spectrum plotting
- Customised setting for individual nerve
- Auto storage of highest amplitude trace in MNCV
- Sensitivity & sweep of individual trace can be customised
- Traces can be made smooth, drag, invert, cut, copy & paste



## Evoked Potentials

- Visual Evoked Potential
- Auditory Evoked Potential
- MMR, LLR & P-300
- Somatosensory Evoked Potential
- Markers can be customised
- Split Screen for viewing ipsi and Contra recordings in BAER.
- For VEP, Pattern reversal stimulation on checker, vertical bar & horizontal bar with different sizes.



## TECHNICAL SPECIFICATIONS

Channels	: 2 Channels
Sensitivity	: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500uv/div; 1, 2, 3, 5, 10, 20 mv/div
High Cut	: Selectable at 100, 200, 500 Hz; 1, 2, 3, 5, 10 KHz
Low Cut	: Selectable at 0, 2, 20, 30, 100, 200, 500 Hz.
Sweep speeds	: 1 to 1000ms/ div in 19 steps (1, 1.5, 2, 3, 5, 7, 10, 15, 20, 30, 50, 75, 100, 150, 200, 300, 500, 750, 1000)
CMRR	: > 110 dB
Input Impedance	: > 100 M ohm (common mode)
Noise	: 0.5 uV (1 Hz to 10 kHz).
A/D Converter	: 18 Bit Analog - Digital Conversion

## VISUAL STIMULATOR (VEP)

Video monitor	: Coloured VEP monitor for black and white, pattern reversal check board stimulation, vertical bars, horizontal bars. Features center fixation target, independent quadrant and half field stimulation.
Square sizes	: 1, 2, 4, 6, 8, 10, 12, 16, 22, 32, 64
Flash mode	: Available
Rate	: User definable.

## AUDITORY STIMULATOR (BAER)

Type	: Head Phone (TDH-39)
Stimulus	: Click Sound (Rare, Comp., Alt), Tone bursts, Pips, Pure tone.
Frequency	: 250 Hz to 8000 Hz.
Intensity	: 0-125 dB nHL or 30-140 dB SPL.
Presentation	: Left, right or both ears.
Click duration	: 100 us square wave clicks. Rarefaction, condensation or alternating polarity.

## ELECTRICAL STIMULATOR

Type	: Hand held, constant current electrical stimulator with stimulus intensity dial and stimulus trigger on handle. Save, Start/Stop & Select switches are provided on Stimulator
Isolation	: Electrically isolated stimulator with independent controls.
Electrical range	: 0-100 mA (0-400 volts) with adjustable duration, intensity and repetitive rate.
Duration	: 0.02, 0.05, 0.10, 0.20, 0.50, 1.0 ms.
Repetition rates	: 0.5, 1, 3, 5, 7, 10, 15, 20, 25, 30 PPS standard or any user definable value

## Sympathetic Skin Response (SSR)

Data updated every sec.

## STANDARD ACCESSORIES

Surface disk electrodes	: 10 Nos.	Sensory ring electrodes	: 04 Nos.
EMG needle connector	: 02 Nos.	EMG Needles	: 02 Nos.
Electrical Stimulator	: 01 No.	BAER head phone	: 01 No.
Foot switch	: 01 No.	Ground wire	: 01 No.
Electrode Box	: 01 No.	Conductive paste & gel	: 02 Nos.
Measuring tape	: 01 No.	CPU interface cable	: 01 No.
Sticking tape roll	: 01 No.	Software Backup on CD	: 01 No.

## Laptop, Computer Hardware (Optional)

CPU	: i3 Processor, 2 GB RAM, 500 GB HDD, DVD Writer, OS Window
Printer	: Any Inkjet Printer supporting window
Optional	: Laser Printer

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