

Thermal Pain Stimulator (TPS)

With Computerized Visual Analog Scale

COVAS



NO PAIN

MODERATE PAIN

INTENSE PAIN



Synchronized with Thermal
Stimulation Protocols from the

TSA II NeuroSensory Analyzer

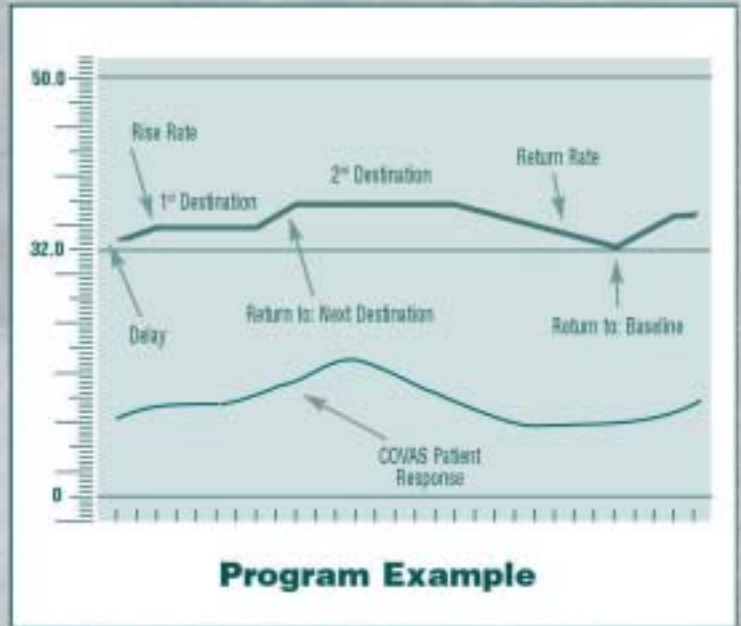
- Real-time continuous VAS
- Additional dimension beyond pain threshold measurement
- Continuous monitoring of response during therapeutic & experimental sessions
- Outcome measurement tool in drug trials
- Patient-controlled potentiometer integrated to TSA II output



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Thermal Pain Stimulator™ Software Features

- Open-architecture design for user-programming flexibility
- Choose between platforms for cold, oscillating or variable, sequential stimulation
- Statistical analysis of thermal stimulation with COVAS patient-controlled response
- Data digitally registered for quick analysis and real-time graphic presentation



Patient-controlled COVAS response synchronized to TSAII generated thermal stimulation protocol

S P E C I F I C A T I O N S

Knob movement range	4 inch horizontal/left to right
Linear resolutions	1000 points per inch
Sampling rate	5 Hz/5 readings per second
Parameters stored	Date, hour, time (millsec), temp & VAS
Graphic display	On-line, continuous, dual color graphic display of stimulation temperature & VAS
Export data	ASCII/Excel (or equivalent) format
Printout	Via Excel (or equivalent) after export data, in a user-defined format
Statistical calculations	Via Excel (or equivalent) after export data, in a user-defined format
Connection to TSAII	Via a 25 pin port
Operating Software	Medoc 'Thermal Pain Stimulator' platform

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