



“Deficits in Conditioned Pain Modulation (CPM) have been observed among patients with a variety of chronic pain conditions”

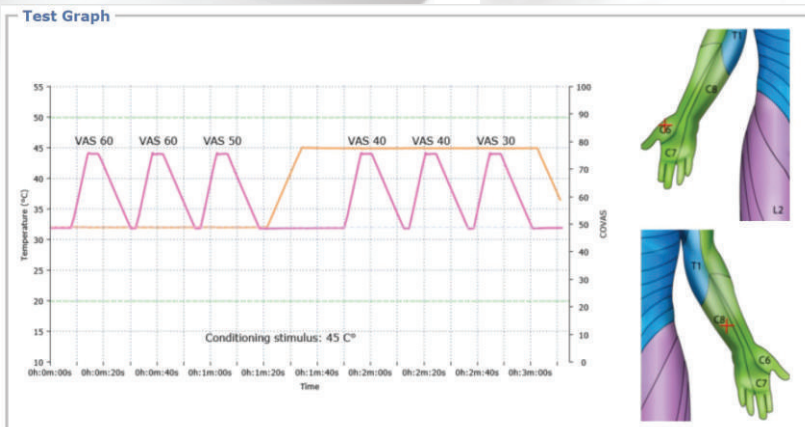
Martel, Wasan, Edwards 2013

- Conditioning and Test thermodes offer versatile & easy-to-administer CPM protocols
- Software allows tailoring of test and conditioning stimuli
- Database platform & report generator
- Offers additional capability for both static and dynamic QST



Portable system for the Clinic & Laboratory

CPM pain rating graph





TECHNICAL SPECIFICATIONS

Thermal Sensory Analyzer, TSA-2001, Model: Q-Sense-CPM

Test Stimulation Methods	Limits Levels TSL Ramp & Hold (with optional pain rating)
Patient Response Input Devices	2 button (Yes\ No) Response Unit CoVAS (optional)
Test Results Export Options Reports	Various formats including Excel, PDF, JPEG and etc. Automatic reports including patient data, test information, stimulated body sites, numerical and graphical representation of test results. Comparison between results with / without conditioning stimulation
Thermode Active Area	30x30 mm
Temperature Range	20°C – 50°C
Temperature Increase Rate	0.1°C/sec – 2°C/sec
Temperature Decrease Rate	0.1°C/sec – 1°C/sec
Target Temperature Resolution	0.1°C
Display Resolution	0.1°C
Repeatability	± 0.3°C
Absolute Accuracy	± 0.3°C
Size, Weight and Form	Approx. 10 Kg, Portable Tabletop Unit
Operating Voltage	100 – 240 VAC, 4 – 2 A, 50/60 Hz
Power Consumption	Approx. 60W
Conditioning Stimulation Methods	Ramp & Hold
Test – Conditional Stimuli Synchronization	Manual (via keyboard) Automatic (configurable timing)



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Refer to operating manual



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