



- Highly versatile voltage stimulator for use with all DMT Myo-graph Systems
- Optimised for striated and smooth muscle stimulation
- Stimulator is controlled by the included MyoPULSE software delivered with the stimulators.
- Easy to connect to a computer

- Easy to program and run single pulse, continuous frequency and complicated train stimulation protocols
- No need for additional amplifiers
- Digital output. Data directly piped into Labchart Pro via. USB cable. No Powerlab box needed

The CS4 and CS8 are a 4-channel and 8-channel Stimulator, respectively. The CS4/CS8 stimulators are Generator - CS8 combines a user-friendly interface with advanced electrical stimulation features required in electro-physiological experiments. The CS4 and CS8 is a modular, highly versatile voltage stimulator suitable for use with all DMT Myograph Systems.

The CS4 and CS8 have been optimized for striated and smooth muscle stimulation and ideal for producing controlled perivascular or tissue- embedded neurotransmitter release. The CS4/CS8 Stimulators provides a variety of stimulation modes such as single Pulse, Continuous Frequency and Train Pulse. The latter is particularly useful when doing fatigue studies in striated muscle and evaluating vascular-neuromuscular junction in smooth muscle

The CS4 and CS8 stimulator is controlled by the MyoPULSE software installed on a PC. MyoPULSE is a flexible software

solution to control the CS4 and CS8 stimulators. In MyoPULSE one can program simple voltage single pulses and very complicated voltage trains stimulation protocols. All protocol parameters are easily entered and saved in MyoPULSE and can be applied on one or any combination of up to four or eight channel on the CS4 or CS8 stimulator, respectively. All protocols made in the MyoPULSE software can easily be accessed and retrieved.

The CS4 and CS8 stimulators have build-in Input and Output Trigger functions controlled by the MyoPULSE software. The Input and Output Trigger ports are located on the back side of the stimulators. The Input and Output Trigger functions can be used to trigger external connected equipment e.g. the motor function on a 840MD MyoDYNAMICS Myo-graph or input trigger to start a stimulation protocol on the CS4 or CS8.

SYSTEM

SPECIFICATIONS

Output voltage:	0-31 volt
Output:	Mono/Bipolar
Stimulus width:	0.1 -25 msec.
Max frequency:	2500Hz
Number of Pulse in one train:	1-32000
Number of Trains in one group:	1-32000
Number of Group:	1-32000
Trigger pulse delay:	0-3600 sec.
Voltage supply:	100-240 volt 50/60 Hz to 48 volt DC 70 watt Power adapter

OPTIONAL ACCESSORIES

Chamber cover with electrodes - for 110P
 Chamber cover with electrodes - for 120CP
 Chamber cover with electrodes - for 202/204CM
 Chamber cover with electrodes - for 620M and 720MO
 Chamber cover with electrodes - for 620M and 720MO (625FS)
 Chamber cover with electrodes - for 820MS
 Chamber cover with electrodes - for 840MD
 Stimulation electrodes - for 750TOBS
 Plastic mounting jaws for field stimulation

