

## YOUR SIX COMFORT MODES TO CONTROL PAIN.

The Eclipse+ TENS device offers six settings on the mode switch. Representative waveforms are shown across a 500 Ohm load.

### Normal



The Normal mode provides continuous stimulation for conventional or low rate TENS. Rate, pulse width and amplitude are fully adjustable.

### Strength Duration (SD)



The SD mode consists of inversely modulating amplitude and pulse width so that one parameter is always decreasing while the other is increasing. Rate, pulse width and amplitude are fully adjustable.

### Burst



This mode provides a series of seven pulses per burst. Bursts occur two times per second. Pulse width and amplitude are fully adjustable, however rate is fixed.

### Modulated Width



Pulse width is decreased from the selected value and then returns to the same selected value. Rate, pulse width and amplitude are fully adjustable.

### Modulated Rate



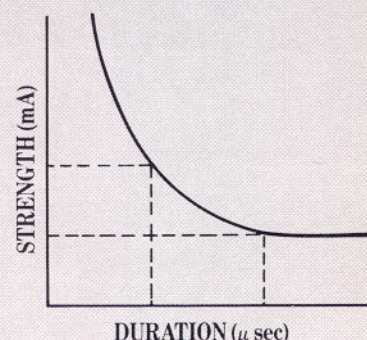
Pulse rate is decreased from the selected value and then returns to the same selected value. Rate, pulse width and amplitude are fully adjustable.

### Combination Modulation

This mode consists of combining modulated width and modulated rate so that one parameter is decreasing while the other is increasing and vice-versa. Rate, pulse width and amplitude are fully adjustable.

All modulation modes produce a smooth, ramped six second cycle.

## SD: THE LOGICAL CONNECTION



Strength Duration (SD) is a relationship between amplitude and pulse width that defines the threshold of nerve depolarization. The SD curve is a graphic representation of this relationship.

When applying TENS as a therapeutic modality, pain relief is obtained by depolarizing sensory nerves (A-beta, A-delta) transcutaneously. The SD modulation of the Eclipse+ varies amplitude and pulse width inversely between selected levels, yet remains within specific nerve thresholds. This helps to avoid accommodation and provides optimal stimulation.

- The SD mode is one of the most comfortable modulations available for your patients because it produces gentle, smooth, subtle changes in stimulation.
- When used systematically\*, the SD mode helps you achieve pain relief by allowing the selection of optimal parameter settings for each patient.
- The SD mode represents a new option to maximize TENS pain control, patient comfort and compliance, thereby assuring success of the pain management program.

\*Systematic guidelines available upon request.