

# FD TENS 2010 Technical Specifications



Channel:	Dual Channel
Output Voltage:	0-310V Adjustable in Level 0-10 (open circuit)
Output Intensity:	0-100mA Adjustable in Level 0-10 (measured across a 500 ohm load). Level 0 is 0v and has no output
Frequency:	11 selectable frequencies – adjustable up or down. 2, 5, 10, 20, 30, 40, 60, 80, 100, 120 & 150 Hz down. 2, 5, 10, 20, 30, 40, 60, 80, 100, 120 & 150 Hz
Pulse Width:	Fixed setting of 100µs
Output Waveform:	Symmetrical Bi-phasic rectangular
Output Modes:	5 selectable Modes

1. Constant
2. Burst I – Fixed 2 bursts per second and each burst consists of 8 pulses
3. Burst II – Fixed 1 burst per second and each burst consists of 22 pulses
4. Modulation I – Frequency modulates from 80Hz to 20Hz over a 10 seconds period, while the pulse width modulates from 100µs - 200µs over the same time period. Then the frequency returns from 200µs - 100µs over the next 2 second and the same procedure continues
5. Modulation II – Frequency modulates from 4Hz to 30Hz over a 6 seconds period, The frequency then returns from 30Hz to 4Hz over the next 2 second and the same procedure continues

Timer:	4 selectable settings
	<ol style="list-style-type: none"><li>1. Continuous</li><li>2. 15 minutes</li><li>3. 30 minutes</li><li>4. 60 minutes</li></ol>

Output Jacks: CE Touch-Proof jacks

Battery: 2 x 1.5V AA battery (Type LR6)

Display: *Intensity*: Thick black lines increase every time Ch1 or Ch2.  
Up switch is pressed and decrease when Down switch is pressed.

*Frequency*: Hz always visible, the numbers keep changing as frequency is increase or decrease.

*Mode*: The selected Mode will be visible.

*Timer*: If continuous option – C is visible, if 15, 30 or 60 minutes selected. Then the display starts counting down from selected time like 60 .. 59 .. 58 .. etc.