



FES for Electroacupuncture FAQs

Electroacupuncture and Functional Electrical Stimulation (FES)

Can FES systems be used for electroacupuncture?

Yes, the versatility of FES allows the use of FES for stimulation with Electroacupuncture. The FES system provides computer-regulated signals generated by engineered software to obtain a clean and precise waveform. FES performs equally well at micro-voltage use as well as for macro-voltage use.

Why is FES a beneficial type of electrostimulation?

The micro-processor signal of FES replicates the body's own electrical impulse to generate a sensory response. A balanced-biphasic bidirectional waveform is used for stimulation, rather than the unbalanced unidirectional waveforms or other systems.

What can FES do that other systems cannot?

If the practitioner decides a higher voltage is applicable, the compliance to the increase in voltage is much better with FES than with an unbalanced waveform. If desired, a motor response can be generated by the FES system with a high level of compliance by the horse. FES uses a specific waveform that mimics the electrical signals of the body producing more natural response to Electroacupuncture.