

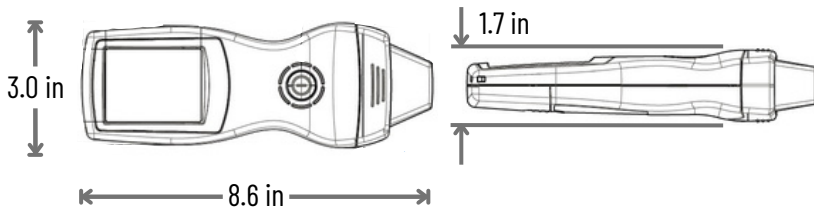


# CS-Pro VET

## Technical Summary

### Device Information

Unit Weight	14.5 oz
Battery Life	100,000 shocks
Product Lifespan	> 5 million shocks
Standoffs	2, 5, 10, 20, & 30 mm



### Shock Wave Characteristics

*Parameters calculated per IEC 61846 standard.*

Energy Flux Density	0.02 - 0.22 mJ/mm <sup>2</sup>
Peak Positive Pressure*	70 MPa
Peak Negative Pressure*	- 19 MPa
Rise Time*	3 ns
Pulse Duration*	50 ns
Pulse Repetition Rate	2 - 12 Hz
Focus Penetration Depth	2 - 30 mm
Therapeutic Volume (5MPa)*	1000 mm <sup>3</sup>
Focal Volume (-6dB) *	10 mm <sup>3</sup>

*\*nominal values displayed*

### Key Features

#### Portable

Battery powered unit weighs less than 1 lb. No cables or carts needed.

#### Powerful

Vast range of energy settings and penetration depths available.

#### Precise

True focused acoustic shock waves produced throughout treatment at all energy settings.

#### Painless

Treatments tolerated without sedation thanks to a carefully optimized therapeutic focal volume.

# Consistent Shock Waves

## Same Shock Wave Produced Every Time

20 mm Standoff  
EFD = 0.20

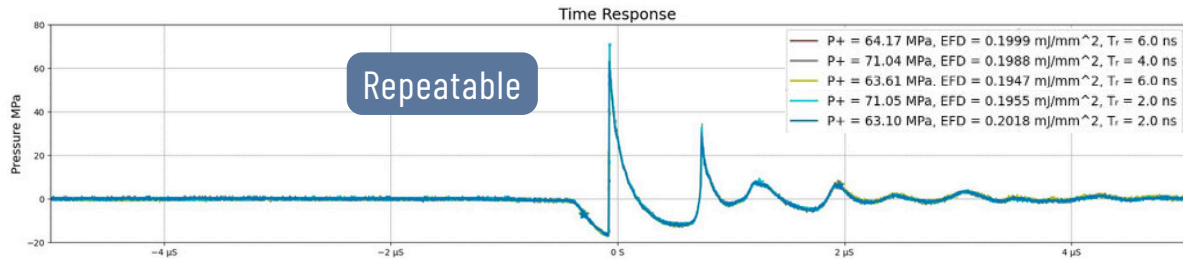


Figure 1. Five independent shock waves plotted

## True Shock Waves at All Energy Settings

30 mm Standoff  
EFD = 0.03, 0.10 & 0.22

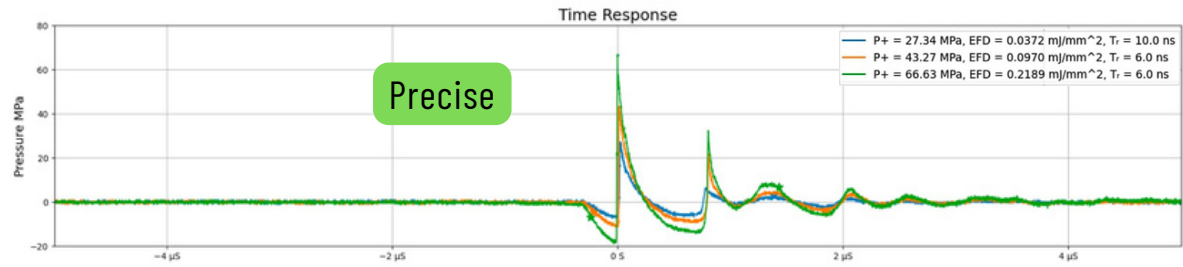
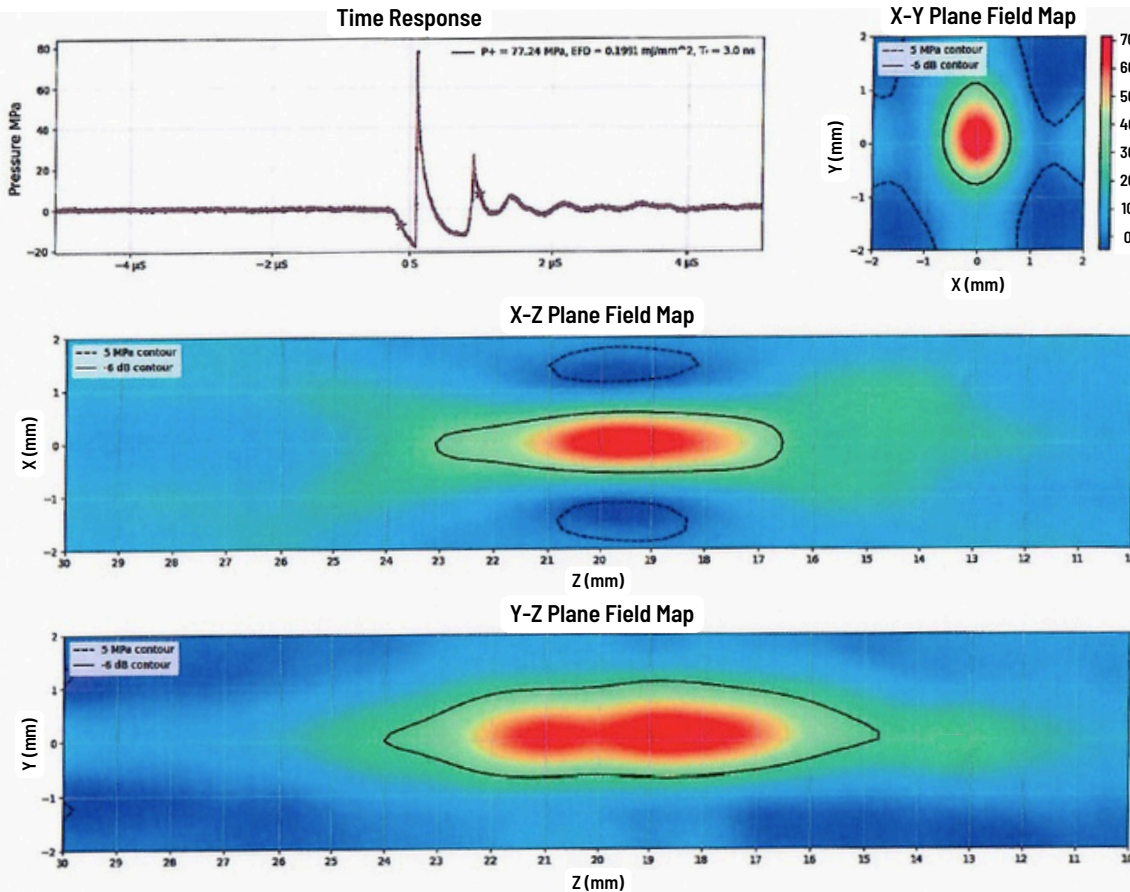


Figure 2. Three shock waves at increasing energy settings

## Device Field Map



## Field Map Statistics

20 mm Standoff  
Therapeutic Volume:  
 $V \approx 1,000 \text{ mm}^3$

Focus Dimensions:  
1.3 x 1.9 x 6.5 mm

Focal Volume:  
 $V = 8.4 \text{ mm}^3$

Note: Therapeutic volume defined by 5 MPa contour. Focal Volume defined by -6 dB contour.