

# T-4 Battery Powered TDEM

## TRANSMITTER

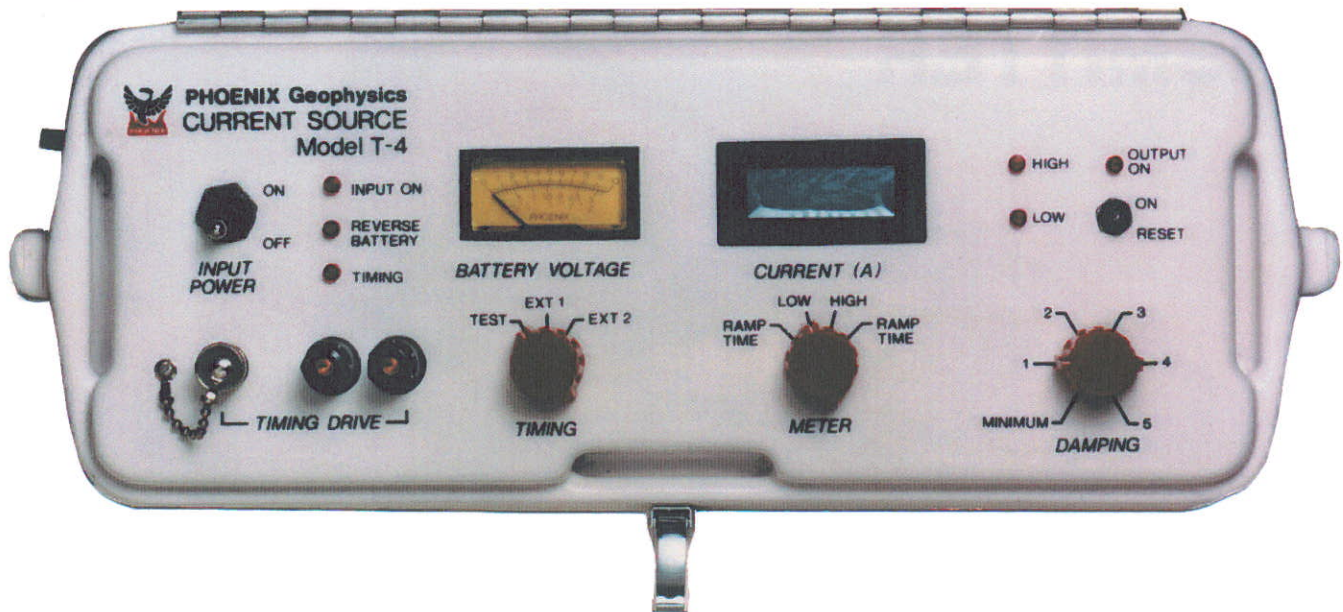


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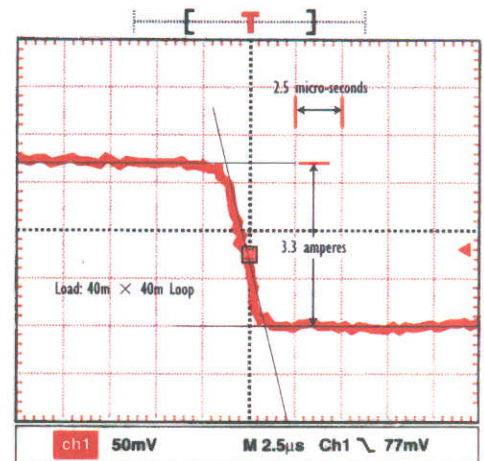
# Specifications

# T-4 TDEM TRANSMITTER

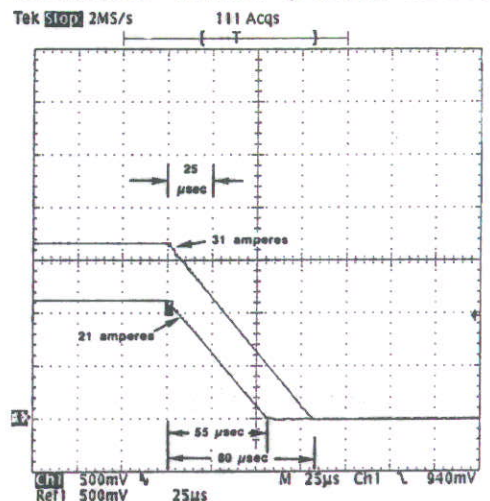


<b>Dimensions</b>	40 x 16 x 36 cm high
<b>Weight</b>	Approx. 8.0 kg
<b>Environmental</b>	Operating temperature range - 40°C to +50°C
<b>Input Power</b>	Ordinary 12V batteries in series ( 24v to 70v)
<b>Output Current</b>	Max. 40A (MuITEM) ; 5A (FasTEM)
<b>Output Power</b>	Max. 2.8 kW
<b>Duty Cycle</b>	Max. 50% for TDEM
<b>Repetition Rate</b>	External control
<b>Turnoff Waveform</b>	Linear ramp
<b>Turnoff Time (MuITEM Mode)</b> ( 40 Amperes )	250m x 250m Loop    135 microseconds 100m x 100m Loop    55 microseconds 50m x 50m Loop      27 microseconds
<b>(FasTEM Mode)</b> ( 5 Amperes )	40m x 40m Loop      2.7 microseconds
<b>Meters</b>	Input battery voltage 0 - 100v Current meter (digital LCD) 0 - 12A , 0 - 50A
<b>Controls</b>	On/off switch , Timing Mode Selector. Damping selector , Reset Toggle
<b>Indicators</b>	Input ON , Battery polarity, Timing ON , Output HI or LO.

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Measured Turnoff (FasTEM Mode)



Measured Turnoff (MuITEM Mode)  
 into 250m x 250m Loop  
 80 microseconds