

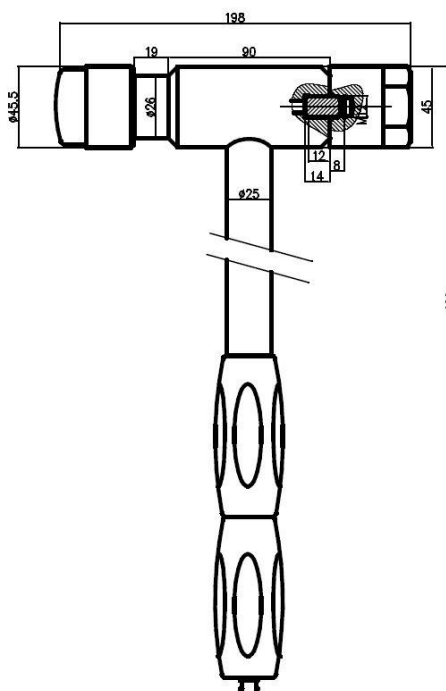
- General purpose IEPE Hammer
- Range 50000N
- Sensitivity 0.1mV/N
- Kit includes impact tips and 2m cable
- BNC connector
- Carry case included

The VTH50 is the largest of the heavyweight general purpose IEPE impact hammers offered by Kemo Ltd and provides a maximum range of 50,000N of impact force.

The VTH50KN is suitable for the excitation of large heavyweight and stiff structures.

The hammer is supplied in a carry case and also includes a 2m cable with a BNC plug termination. In addition, 3 impact tips:

- Soft
- Medium
- Hard

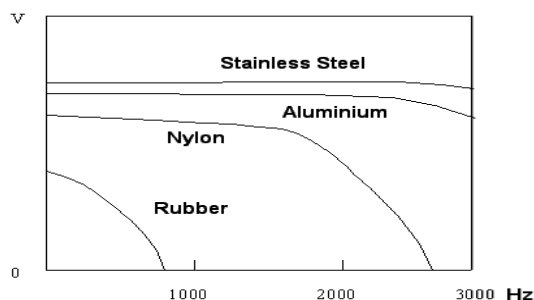


VTH50KN	Metric	Imperial
Sensitivity ($\pm 10\%$)	0.1mV/N	0.446mV/lbf
Measuring Range	50000N	11240.6lbf
Non-linearity	$\leq 1\%$	
Resolution	1000mN(rms)	
Resonant Frequency	$\geq 45\text{kHz}$	
Hammer head Weight	1000gm	35.27oz
Hammer weight	1300g	45.86oz
Hammer Head \varnothing	45mm	1.77in
Hammer Length	400mm	15.75in
Output Connector	BNC	
Tips Supplied	Soft, medium, hard	
Excitation voltage	+18 to +28V	
Constant Current	2-10mA	
Bias Voltage	10-14VDC	
Output Impedance	$\leq 100\Omega$	

Typical comparative frequency response

Pulse width and frequency response vary with hammerhead materials.

This drawing is for reference only



Due to continued product development Kemo Limited reserve the right to change specification without notice.

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