

Clamp HF Current Transformer 39



TechImp Clamp High Frequency Current Transformer 39 is an inductive sensor for partial discharge measurements. It is suitable for on/off line PD tests on many electrical systems such as cables, transformers, rotating machine, etc...

The main advantage of the Clamp HFCT 39 is that it can be clamped directly on the ground connection of the system to be tested without disconnecting it.

A coaxial TNC connector is available to connect the Clamp HFCT 39 to the TechImp PD acquisition unit (PDBase/PDCheck) through a suitable 50Ω coaxial cable. The arrow indicates the output voltage (V_{out}) direction in comparison with the input current (I_{in}) direction: when the sensor is installed with the arrow directed to ground, the detected voltage signal (V_{out}) has the same phase as the input current (I_{in}).

SPECIFICATIONS	
Bandwidth (-6dB)	In excess of 1 MHz 80 MHz
Sensitivity @5MHz / 7mA	15 mV/mA
Load Impedance	50 Ω
Inner hole diameter	39 mm
Gross weight	1,3kg



