

## PP198 — 20:1 Attenuator



The PP198 has been designed to allow fuel injector and primary ignition waveforms to be measured using PicoScope oscilloscope products. Please note this attenuator should not be used for any high voltage measurements other than fuel injectors and primary ignition.

The PP198 is a passive 20:1 attenuator. This means that a 20 V signal at its input will appear as a 1 V signal on the output. As the signal is attenuated, the PP198 allows voltages of up to 300 V to be measured ([see the safety precautions](#)).

The PP198, when used with Pico PC Oscilloscopes provides increased input protection against overloads when working with inductive signals such as injectors and primary ignition. Under no circumstances attempt to use this attenuator to measure secondary ignition (HT) waveforms, the [PP178 Secondary Ignition Pickup lead](#) should be used for this purpose.