



uClip

Single channel 24bit measurement Pod

A wearable device that enables the collection of 24bit AC or ICP dynamic data as part of a walkaround vibration measurement system. Designed to deliver optimal quality vibration condition assessment results for an increasingly competitive PdM market.

Key Features & Benefits

Uses Industry standard wireless technology (50-75kB/s Transfer rate OTA)

Gather data from any hard-wired sensors or AC panel

Fully embedded DSP FFT, Demodulation, Decimation, Overalls (ISO, Crest, gHF, Kurtosis)

Available to white label - embed within your own PdM solution

SPECIFICATION OVERVIEW

24bit ADC (106dB SNR) Single Channel
 $\pm 50g$ range with 100mV/g
 25600 / 65k samples / Decimation enabled to extend sample size for different sample Rates
 $> 15ksps$ data transfer rate
 AC or ICP inputs within $\pm 5V$ input range
 2Hz - 10kHz frequency response ($\pm 5\%$)

POWER & MECHANICAL

8 hours of battery life (3.7V LiPoly Battery)
 Standard USB recharger
 IP65 rated enclosure
 (117 x 72 x 32)mm 160grams