

FREEDOM TO BUILD YOUR OWN FTIR

Pyroelectric
Receiver No1

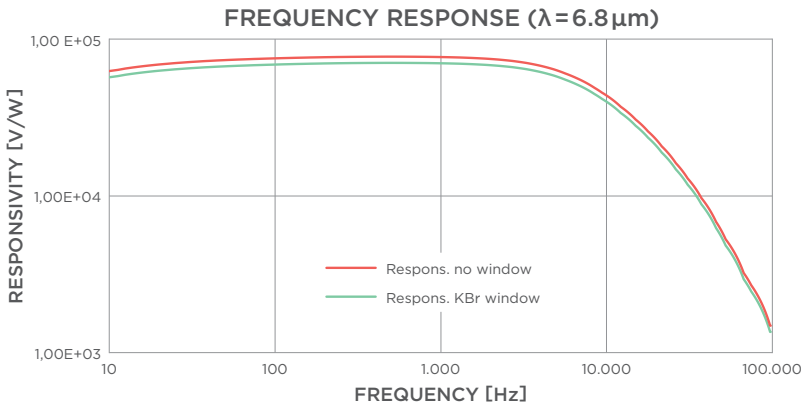


/ PYROELECTRIC RECEIVER No1

gives you the freedom to develop FTIR applications that exactly meet your requirements – even for wavelengths beyond 10 μm . With our plug-and-play component, you only need a few steps to integrate it into your spectroscopy setup.

/ THE NEW UNIVERSAL WORKHORSE

allows for precise measurements that outmatch the capabilities of semiconductor detectors with thermoelectric cooling – namely, in the long-wave infrared and THz ranges.



/ EVEN AT HIGH SPEED

Pyroelectric Receiver No1 provides consistently high signal quality at any given wavelength. Losses will only occur at scanning frequencies beyond 8 kHz (see above).

GAME CHANGER FOR YOUR LAB

Pyroelectric Receiver Based On LTO

45.3 x 23 x 62.75
WDH [mm]
Scale 1:1



/ HIGH SPEED

3dB cut-off frequency: 8 kHz

/ BROAD WAVELENGTH RANGE

IR: 200 nm to 25 μ m
THz: over 60 μ m

/ EASY AND ROBUST MEASUREMENTS

Exceptionally high linearity of $\pm 1\%$
over 4 decades of signal

/ EASY TO USE

Power up and grab the signal

»SEEING WHERE I WAS BLIND.«

JOHANNES KUNSCH / *Head of Business Unit Infrared Components*





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