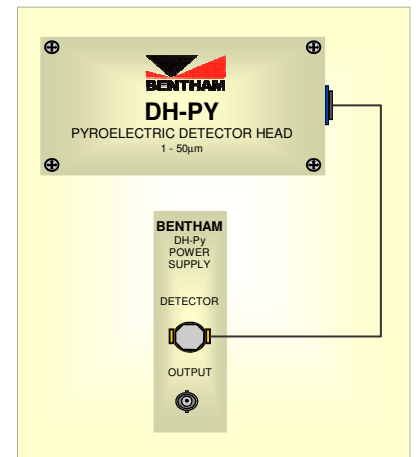
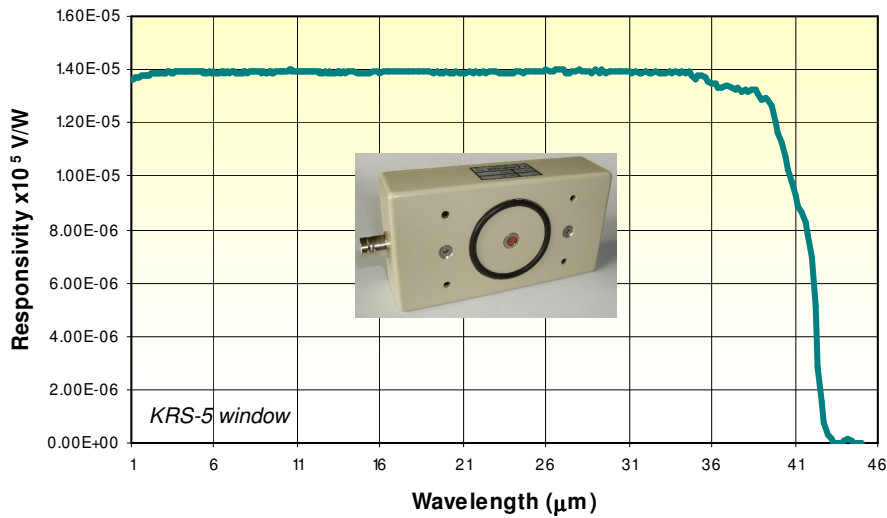


DH-Py Pyroelectric Detector Head

The DH-Py is a self-poling TGS pyroelectric detector, designed to operate at room temperature, which consists of window, infra-red sensitive element and impedance matching amplifier.



The detector mounts directly onto the monochromator slit, and power is supplied by a single-width 200 Series module.



Specification	
Element size:	2mm x 2mm
N.E.P.:	(500k,10,1) $1.6 \times 10^{-10} \text{ WHz}^{-1/2}$
Responsivity:	(500k,10) $1.5 \times 10^5 \text{ VW}^{-1}$
Noise:	(10,1) $24 \text{ mVHz}^{-1/2}$
Typical chopping frequency:	15Hz
Windows available:	KBr 1 - 30μm Polythene 20 - 1000μm CsI 1 - 60μm KRS-5* 1 - 40μm Quartz 60 - 1000μm Bloomed Silicon 1.2 - 15μm Bloomed Germanium 1.8 - 23μm
* Normally supplied	