

## Detector in THz-wave region

Apr. 28, 2018 (rev1)

Type	Sensitivity	Range	Speed	Element	Housing	Cooling	Price (USD)	Comment
SBD	High	~sub THz	sub ns	Very small	Small	No	10k~	Electrostatic damage, Polarization sensitive
Pyroelectric	Low	Broad	>10 ms	Mid	Small	No	5k~	Calibrated detector available
● Pyracanth	Mid	Broad	few ms	Small	Small	No	4.7k~	Fast and sensitive in pyroelectric group
Golay cell	Mid	Broad	>10 ms	Large	Mid	No	10k~	Vibration isolation required
Bolometer	High	Broad	ms	Small	Large	Liq. He	30k + OC	High initialcost / operation cost

● PHLUXi product. Number of options available.

Ask us for detailed information