

LiTaO₃ 探测器

我司提供LiTaO₃探测器，波长从UV到几千微米可选择，多种窗口片、滤光片可以选择。

材料	输出模式	通道	用途
LiTaO ₃	电压模式	1-4 通道	气体探测及火焰探测
	电流模式		
	电压 + 温度补偿		
	电流 + 温度补偿		



Standard Gas Sensor Filters

	Code*	Application	CWL [μm]	HPBW [μm]	Angle shift @ AOI 15° [nm]	Temperature shift [nm/K]
NBP 3.33-160 nm	C 35	CH ₄ - Methane	3.33 ± 20 nm	160 ± 20 nm	≤ -20	< +0.50
NBP 3.40-120 nm	G 40	HC	3.40 ± 30 nm	120 ± 20 nm	≤ -25	< +0.25
NBP 3.86-90 nm	B 41	Reference for SO ₂ mixtures	3.86 ± 30 nm	90 ± 20 nm	≤ -20	< +0.50
NBP 3.95-90 nm	H 34	Reference	3.95 ± 35 nm	90 ± 10 nm	≤ -15	< +0.50
NBP 4.26-90 nm	T 32	CO ₂ narrow	4.26 ± 20 nm	90 ± 20 nm	≤ -20	< +0.50
NBP 4.265-110 nm	A 42	CO ₂ easy calibration	4.265 ± 20 nm	110 ± 20 nm	≤ -20	< +0.50
NBP 4.26-180 nm	D 33	CO ₂	4.26 ± 20 nm	180 ± 20 nm	≤ -40	< +0.25
NBP 4.27-170 nm	Z 43	CO ₂ standard	4.27 ± 30 nm	170 ± 20 nm	≤ -20	< +0.50
BP 4.30-600 nm	F 30	flame	4.30 ± 50 nm	600 ± 50 nm	≤ -20	< +0.50
NBP 4.45-60 nm	E 44	CO ₂ long path	4.45 ± 20 nm	60 ± 20 nm	≤ -20	< +0.50
NBP 4.66-180 nm	I 39	CO centered	4.66 ± 30 nm	180 ± 20 nm	≤ -20	< +0.50
NBP 4.74-140 nm	K 37	CO flank	4.74 ± 20 nm	140 ± 20 nm	≤ -20	< +0.50
NBP 5.3-180 nm	L 31	NO	5.3 ± 40 nm	180 ± 20 nm	≤ -25	< +0.60
NBP 5.78-180 nm	M 38	H ₂ O in gas mixtures	5.78 ± 40nm	180 ± 20nm	≤ -22	< +0.60
NBP 7.3-200 nm	U 45	SO ₂	7.3 ± 40nm	200 ± 30nm	≤ -30	< +0.80
NBP 7.91-160 nm	S 46	Methane in gas mixtures	7.91 ± 50nm	160 ± 30nm	≤ -30	< +0.80
BP 9.50-450 nm	O 36	Alcohol	9.50 ± 60nm	450 ± 60nm	≤ -40	< +1.00

* Letter for small aperture / Number for large aperture

Note: For gas measurement applications the small aperture is standard due to selectivity. Large aperture is standard in flame applications.