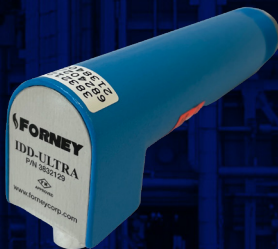




Flame Detector Selection Guide

Forney's flame detectors are used world-wide to prove the presence and absence of flames in utility or industrial boilers firing solid, liquid or gaseous fuels. Use this table as a general rule for the selection of your flame detector.



		Natural Gas	Oil	Coal	Lignite	Coal & Gas	Coal & Oil	Lignite & Gas
Unitized Detectors <i>(amplifier included)</i>								
	HD Flame Detector IR sensor 900 - 1700 nm UV sensor 210 - 390 nm	P	P	P	P	P	P	P
	HD-EX Flame Detector IR sensor 900 - 1700 nm UV sensor 210 - 390 nm	A	A	A	A	A	A	A
	FlameHawk® *	A	A	N	N	N	N	N
Discrete Detectors <i>(separate amplifier required)</i>								
	IDD-IIU 400 - 3300 nm	A	P	P	A	N	P	N
	IDD - IIL 700 - 3300 nm	N	N	N	P	N	N	N
	IDD - II 700 -3300 nm	N	P	P	A	N	A	N
	IDD-Ultra 210-390 nm	P	A	N	N	N	N	N

P = Preferred
A = Acceptable
N = Not recommended / will not detect

* = Designed for use on combustion turbines

Fiber Optics are available for tangential and opposed fired units.

More information on each product can be found in Forney's product specific manuals or spec sheets.