

FTC300

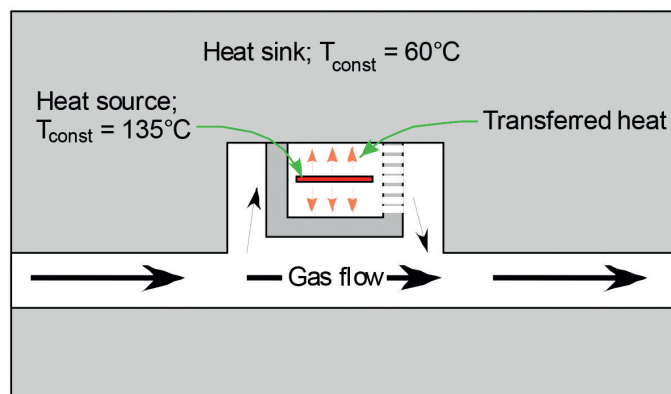


figure: Thermal Conductivity Detector (principle)

Measurable gases and ranges

measuring gas	carrier gas	basic range	smallest range beginning of measuring range	smallest suppressed zero range	multi gas mode
H ₂	N ₂ / air	0% - 100%	0% - 0.5%	98% - 100%	yes
H ₂	Ar	0% - 100%	0% - 0.4%	99% - 100%	yes
H ₂	He	20% - 100%	20% - 40%	85% - 100%	on request
H ₂	CH ₄	0% - 100%	0% - 0.5%	98% - 100%	on request
H ₂	CO ₂	0% - 100%	0% - 0.5%	98% - 100%	on request
He	N ₂ / air	0% - 100%	0% - 0.8%	97% - 100%	yes
He	Ar	0% - 100%	0% - 0.5%	98% - 100%	yes
CO ₂	N ₂ / air	0% - 100%	0% - 3%	96% - 100%	yes
CO ₂	Ar	0% - 60%	0% - 10%	-	yes
Ar	N ₂ / air	0% - 100%	0% - 3%	96% - 100%	yes
Ar	CO ₂	40% - 100%	-	80% - 100%	yes
CH ₄	N ₂ / air	0% - 100%	0% - 2%	96% - 100%	yes
CH ₄	Ar	0% - 100%	0% - 1.5%	97% - 100%	yes
O ₂	N ₂	0% - 100%	0% - 15%	85% - 100%	yes
O ₂	Ar	0% - 100%	0% - 2%	97% - 100%	yes
N ₂	Ar	0% - 100%	0% - 3%	97% - 100%	yes
N ₂	CO ₂	0% - 100%	0% - 4%	96% - 100%	on request
NH ₃	H ₂	0% - 100%	0% - 5%	95% - 100%	on request
NH ₃	N ₂	0% - 100%	0% - 10%	60% - 100%	on request
CO ₂	H ₂	0% - 100%	0% - 2%	99% - 100%	on request
SF ₆	N ₂ / air	0% - 100%	0% - 2%	96% - 100%	on request