Measurement components and ranges

Measurement components and ranges for FTC400, FTC300, FTC160 and FTC130

Note: All measuring ranges are given in Vol.%

Measurement Component	Carrier Gas	Basic Range	Smallest Range	Smallest Range with suppressed Zero Point	Multi Gas Mode MGM
H_2	N_2 or air	0% - 100%	0% - 0.5%	98% - 100%	Yes
O_2	N_2	0% - 100%	0% - 15%	85% - 100%	Yes
He	N_2 or air	0% - 100%	0% - 0.8%	97% - 100%	Yes
CO_2	N_2 or air	0% - 100%	0% - 3%	96% - 100%	Yes
N_2	Ar	0% - 100%	0% - 3%	97% - 100%	Yes
O_2	Ar	0% - 100%	0% - 2%	97% - 100%	Yes
H_2	Ar	0% - 100%	0% - 0.4%	99% - 100%	Yes
He	Ar	0% - 100%	0% - 0.5%	98% - 100%	Yes
CO_2	Ar	0% - 60%	0% - 10%	-	Yes
Ar	CO_2	40% - 100%	-	80% - 100%	Yes
CH_4	N_2 or air	0% - 100%	0% - 2%	96% - 100%	Yes
CH_4	Ar	0% - 100%	0% - 1.5%	97% - 100%	Yes
Ar	O_2	0% - 100%	0% - 3%	96% - 100%	Yes
N_2	H_2	0% - 100%	0% - 2%	99.5% - 100%	Yes
O_2	CO_2	0% - 100%	0% - 3%	96% - 100%	Yes
H_2	He	20% - 100%	20% - 40%	85% - 100%	
H_2	CH_4	0% - 100%	0% - 0.5%	98% - 100%	
H_2	CO_2	0% - 100%	0% - 0.5%	98% - 100%	
SF_6	N_2 or air	0% - 100%	0% - 2%	96% - 100%	
NO_2	N_2 or air	0% - 100%	0% - 5%	96% - 100%	
H_2	O_2	0% - 100%	0% - 4%	97% - 100%	
Ar	Xe	0% - 100%	0% - 3%	99% - 100%	
Ne	Ar	0% - 100%	0% - 1.5%	99% - 100%	
Kr	Ar	0% - 100%	0% - 2%	96% - 100%	
R125	N_2 or air	0% - 100%	0% - 4%	98% - 100%	

Table 1

Measurement components and measuring ranges for FTC300HT (High Temperature)

Measurement Component	Carrier Gas	Basic Range	Smallest Range	Smallest Range with suppressed Zero Point	Multi Gas Mode MGM
CO_2	Ar	0% - 100%	0% - 8%	70% - 100%	Yes
NH_3	N_2	0% - 70%	0% - 3%	55% - 70%	Yes
C_2H_4	N_2	0% - 100%	0% - 10%	60% - 100%	Yes
H_2O	N_2	0% - 20%	0% - 4%	16% - 20%	

Table 2

In addition all measurement and carrier gases given in table 1 are also available