



PT Maju Teknik Sejahtera

Disposable Calibration Gas Standards

(Non Refillables)



NIST
National Institute of
Standards and Technology
U.S. Department of Commerce



Calibrate Your Detector
Cost Effectively and Accurately

- Refinery
- Petrochemicals
- Exploration
- Rigs
- Gas Power Plant
- Chemical & Fertilizer Plant
- Coal Mines
- Marine
- Labs



BUMP TEST READY!!



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SN	Gas	Type	Reactive/Nonreac	Composition	Filling Pressure (in bar)	Filling Pressure (in bar)	Accuracy(%)	Stability
1	QUAD	PPM	Reactive	10/25/50ppm H2S/50/100ppm CO/50% LEL CH4/O2/N2	70	35	3	18 months
2	H2S	PPM	Reactive	5/10/25/50/75/100/200 PPMV H2S Bal N2/AIR	70	35	2	18 months
3	NO	PPM	Reactive	5/10/25/50/100/900 PPMV NO Bal N2	70	35	2	12 months
4	NO2	PPM	Reactive	5/10/25/50/ PPMV NO2 Bal N2	70	35	3	12 months
5	SO2	PPM	Reactive	5/10/25/50/100 PPMV Suphur Di Oxide Bal N2/Air	70	35	2	12 months
6	CL2	PPM	Reactive	5/10/25/50/100 PPMV Chlorine Bal N2/Air	70	35	3	9 months
7	HCL	PPM	Reactive	5/10/25/50/100 PPMV Hydrogen Chloride Bal N2/Air	70	35	3	9 months
8	NH3	PPM	Reactive	10/25/50/100 PPMV Ammonia Bal N2/Air	70	35	3	12 months
9	AIR	Zero	Non Reactive	99.999 % (Zero 20.8% bal N2) AIR	70	35	1	36 months
10	N2	Zero	Non Reactive	99.999 % (Zero) N2	70	35	1	36 months
11	C1	LEL	Non Reactive	10/20/25/30/50 % LEL CH4 Bal Air	70	35	2	36 months
12	C2	LEL	Non Reactive	20/25/50 % LEL Ethylene Bal Air	70	35	2	36 months
13	C3	LEL	Non Reactive	20/25/30/50 % LEL Propane Bal Air	70	35	2	36 months
14	H2	LEL	Non Reactive	20/25/50 % LEL Hydrogen Bal Air	70	35	2	24 months
15	iC4	LEL	Non Reactive	25/50 % LEL iso Butane Bal Air	70	35	2	36 months
16	nC4	LEL	Non Reactive	25/50 % LEL n-Butane Bal Air	70	35	2	36 months
17	nC5	LEL	Non Reactive	7/10/25/50 % LEL Pentane Bal Air	As Actual	As Actual	2	36 months
18	O2	%	Non Reactive	10/12.5/18/25 Vol/Vol Oxygen Bal N2	70	35	1	36 months
19	C1	%	Non Reactive	1.0/8.0 % v/v CH4 Bal N2	70	35	2	24 months
20	CO	PPM	Non Reactive	5/10/25/50/100/200/500 PPMV CO Bal N2/AIR	70	35	2	24 months
21	CO2	%	Non Reactive	2.0/2.5/5.0 Vol/Vol Carbon Di Oxide Bal N2	70	35	2	24 months
22	iC4	%	Non Reactive	8% /10% Vol/Vol iso Butane Bal N2	15-20	15-20	2	36 months
23	C1	PPM	Non Reactive	10/25/50/100 PPMV CH4 Bal N2	70	35	3	36 months
24	C2	PPM	Non Reactive	10/100/500/1000 PPMV Ethylene Bal Air	70	35	2	24 months
25	C6	PPM	Non Reactive	100/500/1000 PPM Vol/Vol Benzene Bal N2	70	35	2	24 months
26	CO2	PPM	Non Reactive	200/500/750/1000 PPMV Carbon Di Oxide Bal N2	70	35	2	24 months
27	H2	PPM	Non Reactive	100/500/1000 PPMV Hydrogen Bal Air	70	35	2	24 months
28	iC4	PPM	Non Reactive	20/50/75/100 PPMV Iso Butylene Bal AIR	70	35	2	24 months
29	C6	PPM	Non Reactive	100/500/1000 ppb Vol/Vol Benzene Bal N2	70	35	2	24 months
30	C6	LEL	Non Reactive	25/50 % LEL Benzene Bal Air	As Actual	As Actual	2	24 months

Cylinder Size	Filling Pressure	Dimensions (Height x Dia) mm
Caliport- 34	300 PSI	365 x 90 (1.2 Kgs)
Caliport- 34	1000 PSI	250 x 65 (0.6 kgs)
Caliport- 60	500 PSI	365 x 90 (1.2 Kgs)
Caliport- 60	1740 PSI	250 x 65 (0.6 kgs)
Caliport - 118	1000 PSI	365 x 90 (1.2 Kgs)

Cylinder Material & Valve

Aluminium- as per ISO 11118
Connection C10 Valve (5/8" - 18)

Standards NPL & NIST traceable

Manufactured Gravimetrically
to ISO 6142

Stability

Non-Reactive Gases	36 Months
Ethanol/Methanol	24 months
H2S, SO2, NO, Four Gas Mix, NO2	18 months
Cl2 and HCl (min 5 PPM)	9 months

Mixture Accuracy

Minor Components are Certified to the Following Tol.

2- 20 ppm = +/- 10%
21- 50ppm = +/- 5%
51-300ppm = +/- 2%

Equipment

- Cylinder valve compatible with all major manufacturers regulators
- Fixed flow regulators available at 0.5, 1.0, 2.5 and 3.0 LPM
- Variflow regulator (non-reactive gases)
- Demand flow regulators

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