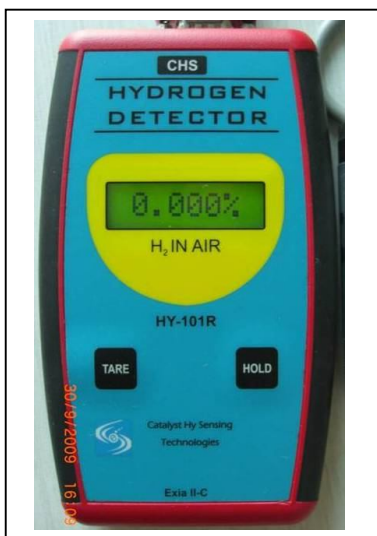


SPECIFICATIONS FOR PORTABLE HYDROGEN LEAK DETECTOR



Model HY 101R with MS1

Sr. No.	Parameters	Description
1	Type	Portable, Hand-held
2	Power	Battery operated
3	Sensor	Specific and Selective for direct Hydrogen gas measurement, not based on correlation methods
4	Display	LCD readout / Bar graph*
5	Response time	Less than 3 seconds
6	Calibration	Set at manufacture, only ambient calibration user friendly
7	Operating Temperature	0 to 65°C
8	Accuracy	± 10 % FSD
9	Interference	No interference from other gases
10	Safety Standard	Intrinsically safe as per IS – 5780, Exia II-C
11	Dimensions	150x89x25 mm
11	Sensor Dimensions	17.7mm HEX -16ø x 51mm Length with Threaded end 1/4" BSB x 9mm deep.
13	Weight	290 gms
14	Supply	Encapsulated rechargeable battery, 7.4 VDC/1100 mAh for 8 to 10 hours continuous use
15	Controls	Tare(zero setting) & hold / hold*, charging pin, D type connector for Transducer
16	Charging	Separate custom charger, Input 10 VDC, 150 mA
17	Input Receptacle	9 pin D-Type Male Connector
18	Input Interface	Transducer MS1, 2 wire in metal housing, brass & mild steel for non-corrosive and SS 316 for corrosive environment, respectively, containing sensor in extended probe 0.3 mt and electronic buffer.
19	Range	0 -2 % H2 in Air
20	Scale	0 -2 % Concentration read out/ 0 - 50 % LEL (discrete 9 steps)*
21	Resolution	(0.001%) / 5 % LEL*

N.B. * marked are specific to Model HY-101B

Specification subject to changes without prior notice, due to continuous R&D and development of Company's Products

BATTERY CHARGER



SPECIFICATIONS

SL. NO.	Parameters	Description
1	Type	Switch Mode
2	Input	110- 240V AC
3	Output	10V DC
4	Output Current	150mA
5	Jack	Barrel Type(2 mm)

DE-LUXE INDUSTRIAL GASES

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TRANSDUCER CHS-MS1 INTERFACE WITH HY-101R