



Hand Held Liquids Detector

AT1500

Product highlights

- *Radiation free
- *Identify dangerous liquids sealed
- *Small size and easy to operate
- *Accurate and quick result
- *USB interface
- *Minimum 200 retrievable Data Records



General Specification

| | |
|-----------------------|------------------------------|
| Detector dimension | 214mm(L) × 50mm(W) × 79mm(H) |
| Weight | 0.2KG |
| Other major component | Detector base |
| Gross weight (kgs) | 3.9KG |
| Packing size | 430*285*150mm |

Technical Specification

| | |
|------------------------------|---|
| Technology | Electromagnetic detection technology |
| Required container material | Nonmetallic: plastic, glass |
| Dangerous liquids identified | Dangerous liquids including 93# gasoline, kerosene, diesel oil, ethyl ether, isopropyl ether, petroleum ether, benzene, nitrobenzene, acetaldehyde, glycol, propylene oxide, n-heptane, toluene, xylene, acetone, ethyl chloride, two ethanol, methanol, isopropanol, carbon disulfide, three chloromethyl, tetrahydrofuran, paint, and n-hexane. |
| Container size | Thinkness ≤ 3.5mm; Height > 60mm |
| Minimum liquid quantity | 50ml |
| Temperature of the liquid | 5°C ~ 40°C (liquid state) |
| Test result | Safe or dangerous |

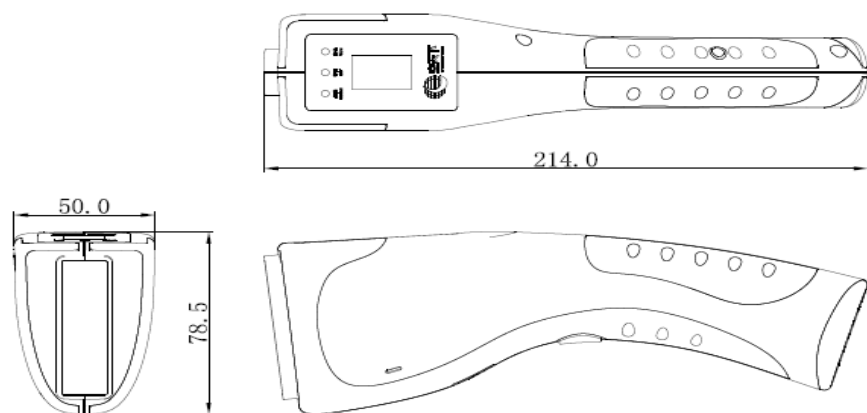
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|----------------------------|--|
| Alarm for dangerous liquid | Voice and display |
| Display | 96x64 OLED |
| Boot time | 1s |
| Identify time | 1.2s |
| Data storage | Minimum 200 data, USB interface to computer for storanalysis |
| Maximum power consumption | 10W |
| Battery | Rechargeable nickel hydrogen battery, No.5, 1.5V, GP24A-L22800mA/h |
| Power adapter | USB interface, output 5V/2.1A |
| Accessories | Liquid detector base, USB data cable and USB charging adapter, Battery charger, Phillips screwdriver, 2 No.5 batteries |

Operating Environment

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|-----------------------|--|
| Operating temperature | 0°C ~ 50°C |
| Humidity | 5% ~ 95% |
| Charge power supply | Input AC 100~240V/50-60Hz; Output DC 5V/2.1A |

Compliance

| | |
|---------------|---|
| International | * ISO19001; ISO14001; ISO45001 * CE, RoHS, FCC |
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Dangerous Liquid List

AT1500

1. Gasoline
2. Diesel oil
3. Kerosene
4. Ether
5. Isopropyl ether
6. 40% acetaldehyde
7. Petroleum ether (30-60°C)
8. Petroleum ether (60-90°C)
9. Petroleum ether (90-120°C)
10. N,N-dimethylformamide
11. Glycol
12. Nitrobenzene
13. 1mol/L sodium hydroxide solution
14. 1mol/L potassium hydroxide solution
15. Diethylene glycol
16. Propylene oxide
17. Acetone
18. Butanone
19. Heptane
20. N-hexane
21. Benzene
22. Toluene
23. Xylene
24. Propyl ether
25. Chloroform
26. Isopropyl alcohol
27. Tetrahydrofuran
28. Carbon disulfide
29. Absolute ethanol (ethanol)
30. Nitromethane
31. N-pentanol
32. Glycerol (glycerol)
33. Diethylamine
34. Mineral spirits
35. Paint thinner
36. Propionaldehyde
37. Turpentine
38. N-pentane
39. Tert butanol
40. Ethyl acrylate
41. Methyl acrylate
42. N-propanol
43. Cyclohexane
44. Methyl tert butyl ether
45. N-octane
46. 70% ethanol
47. Acetic acid
48. Chlorobenzene
49. Banana oil
50. Butyl butyrate
51. Styrene
52. Cyclohexanone
53. Cyclopentane
54. Hydrochloric acid
55. Pyridine
56. Triethylamine
57. Sulfuric acid (normal temperature)
58. Chloropropene
59. Nitric acid
60. 30% Hydrogen peroxide solution
61. Oleic acid
62. Methylamine alcohol solution
63. Ethyl acetate
64. Ethylbenzene
65. Ethyl formate
66. Isoamyl alcohol
67. Methyl cyclohexane
68. Diethyl carbonate
69. Dichloromethane
70. Ethylene glycol dimethyl ether
71. N-butanol
72. Isobutanol
73. Bromobenzene
74. Acetic anhydride
75. Dipentene
76. Pyrrolidine
77. 1,4-dioxane
78. Isopentane
79. Paint
80. Methanol
81. Acetonitrile
82. Dichloroethane (1,1-dichloroethane, 1,2-dichloroethane)
83. Acetaldehyde