



## **Portable Trace Drug Detector LD-LTDD-D10**

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# Portable Trace Drug Detector LD-LTDD-D10

## Overview

Portable Trace Drug Detector LTDD-D10 is a handheld device with a sensitivity of 0.1 pg and a temperature range of -20°C to 55°C. Features advanced Polymer Sensing Technology to identify the presence of explosive in the given sample. The existence of explosive changes the intensity of fluorescence released by fluorescent polymers which is measured by the detector. Components of the instrument includes heating sampling head, middle section of instrument and battery. LCD display, USB interface, storage space, fast response time, alarm system etc. are some of the benefits of the device. It is used in labs, security departments, military services etc.

## Features:

- Fluorescent Polymer Sensing Technology
- Snap connection between components of the instrument
- 3 to 5 mins warm up time
- LCD, TFT touch screen display to show test value, date and time
- Storage space for 50,000 test results
- Signals to replace sensor, recharge or replace battery, warning sign
- Alarm system to notify the result
- Hot air cleaning to remove any residues
- User friendly interface and simple structure

## Applications:

It is used to identify the presence of explosive in the sample. It finds application in security department, forensic labs, military departments etc.

## Specifications:

<b>Display</b>	3 inches TFT LCD
<b>Storage</b>	50,000 test results
<b>Interface</b>	USB
<b>Alarm time</b>	< 6 s
<b>Dimensions</b>	365 × 108 × 63 mm
<b>Rated power</b>	9 W
<b>Temperature</b>	-20°C to 55°C
<b>Rated voltage</b>	7.4 V DC
<b>Starting time</b>	Inhalation mode (< 10 s) wiping mode (< 2 min)
<b>False alarm rate</b>	< 1%

<b>Ambient temperature</b>	-20°C to 55°C
<b>TNT Detection limit</b>	< 0.1 pg
<b>Adapter supply voltage</b>	100 to 220 V
<b>Adapter supply frequency</b>	50 Hz
<b>Weight (Battery included)</b>	1.65 kg
<b>Dimensions (Packing carton)</b>	465 × 390 × 235 mm
<b>Weight (Packing box included)</b>	? 8 kg