EXPLL
TECHNOLOGIES

Narcotics Trace & Explosives Detector

A HIGHLY SENSITIVE DESKTOP SYSTEM.

Introduction

- High sensitivity technology that can detect as little as 100 Nanograms of black podwer including fireworks and homemade explosives.
- Vacuum ultraviolet (VUV) lamp soft ionization technology for safe non- radioactive use.
- Less than six seconds of indtification time.
- Built-in printer to print test results.
- Advanced migration tube design ensures high resolution.
- Automatic cleaning system.
- Open database that can be customized by users to add/edit new types of explosives.
- 10 inch TFT colour touch screen.
- Built-in printer to print test results.
- Re-usable dipstick
- Supports network control and transfer. Unlimited Storage, USB port to output data.

Touch Screen · <6 Second detection · Built in results printer · Network & USB Storage backup · for Desktop applications

Basic Parameter

Indifiable Explosives	Inditifies nitroglycerine nitrifcation, ammonium nitrate black powder.
Indifiable Drugs	Cocaine, hydrochloric acid heroin, tetrahydrocar- bonanabinol, methyl aniline (methamphetamine), ketamine hydrochloride, ecstasy, pethidine
Explosives And Drugs Samples	New samples can be added as needed
Startup Time	Less than 20 minutes
Analysis Time	less than 6 seconds
False Alarm Rate	Less than 1%
Detection Rate	More than 99%
General	
Database	Can be upgraded with new as needed
Sampling method	Samples wipe with test paper, adsorption sampling
Data Storage	Text print or picture
Alarm	Audio and visual light
Display	10" TFT touch screen
Electrical	
Working voltage	AC110v or 220V %±10 (specify when ordering)
Power Consumption	300W
Environmental	
Operating Temperature	14°F to 122°F [-10°C to 50°C]
Storage Temperature	14°F to 122°F [-10°C to 50°C]
Operating Humidity	Up to 95% (non-condensing)
Storage Humidity	Up to 95% (non-condensing)
Working Pressure	60k Pa to 106k Pa
Physical	
Size	400mm(W) x 380mm(D) x 180mm(H) 15.75"(W) x 15"(D) x 7"(H)
Weight	33lbs [15kg]
Model Codes	
EXP-NTD1	Desktop trace amounts of explosives and narcotics detector

CAD DIMENSIONS