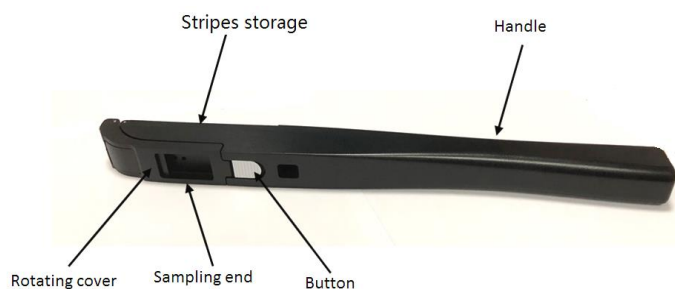




Explosives & Narcotics Trace Detector

HD300



Product highlights

1. Detect narcotics prohibited by ICAO
2. High sensitivity
3. Accurate and quick result
4. Automatic cleaning system can prevent inject pollution
5. Renewable gas purification system
6. Database open to user, can add new type explosives/narcotics
7. TFT LCD color touch screen
8. Support network control and data transfer, with USB interface
9. Minimum 100,000 Retrievable Data Records

General Specifications

Dimension	470mm(W) × 170mm(L) × 197mm(H)
Weight	4.4kg 2-mode; 4.1kg 1-mode
Gross weight	15kg
Packing size	565*365*280mm
Packing	Shork proof lining safe box with a draw-bar and wheels

Technical Specifications

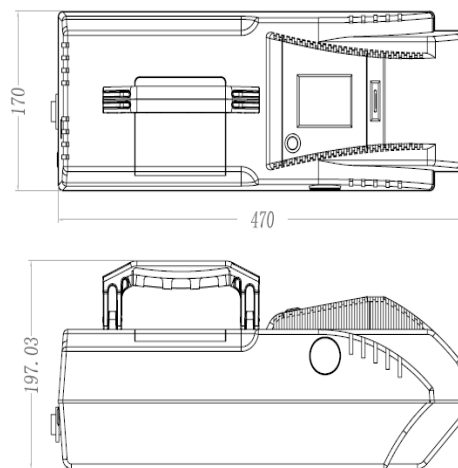
Technology	Ion Mobility Spectrometry, IMS
Detectable explosives	Trinitrotototul(TNT), Hexogen(RDX), Pentaerythritol tetranitrate(PETN), nitroglycerine, Ammonium nitrate(AN), Black Powder, Dinitrotoluene(DNT), Tetralite, Octogen(HMX), Nitroxanthic acid, Gena, C4, Semtex explosive, TPTA, HMTD, Nitroguanidine, HNS, Dinitroglycol
Detectable narcotics	Cocaine Hydrochloride, Heroin, Amphetamine, tetrahydrocannabinol(THC), methamphetamine, Ketamine, Morphine, Dehydr ogenation ephedrine methamphetamine, Ecstasy, and so on.
Sampling	Wipe sampling by test paper stripes Optional: air inlet sampling

Databases	Open to user, can add new type explosives and narcotics
Alarm	Sound and light
Detection limit	200pg cocaine; 50pg TNT
Identify speed	≤ 8 seconds
Warm-up time	< 20 minutes
False alarm rate	$\leq 1\%$
Display	2.8 TFT color touch screen
Maximum consumption	$< 150W$
Power	Input AC 110-240V/50-60Hz; Output DC 19V/10.5A
Operating temperature	$-10^{\circ}C \sim 55^{\circ}C$
Humidity	$45\% \sim 85\%$
Battery	14.8V/4400mAh, continual working time $> 2h$ and back up time $>12h$ Option: 6700mAh, continual working time $> 3.5h$ and back up time $>24h$

Compliance

International

- * ISO19001 ; ISO14001 ; OHSMS18001 ;
- * CE RoHS
- * FCC



Accessories

Power adapter, drying agent, sampling cloth/dipstick, touch pen, sampling rod, cross screwdriver, USB and CD for data output, user manual.



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No.	Explosives
1	Trinitrotoluol(TNT)
2	Hexogen(RDX)
3	Pentaerythritol tetranitrate(PETN)
4	Nitroglycerine(NG)
5	Ammonium nitrate(AN)
6	Black Powder
7	Dinitrotoluene(DNT)
8	Tetryl
9	Octogen(HMX)
10	Nitroanthracic acid
11	Gela
12	C4
13	Semtex explosive
14	TATP
15	HMTD
16	Nitroguanidine
17	HNS
18	Dinitroglycol

No.	Narcotics
1	Cocaine hydrochloride
2	Heroin hydrochloride
3	THC
4	Methamphetamine
5	Ketamine hydrochloride
6	Morphine hydrochloride
7	Dolantin
8	Ecstasy(MDA)
9	Papaverine
10	Ecstasy(MDMA)
11	Methyl ephedrine
12	Methcathinone
13	Synthetic ephedrine(K2)
14	Shake foot pill(LSD)