



Explosives and Narcotics Detector

HD600

Product highlights

1. Detect explosives and 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/narcotic
7. 10.4 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	400mm(L) × 382mm(W) × 250mm(H)
Weight	15KG
Gross weight (kgs)	29KG
Packing size	670*510*370mm
Packing	Shork proof lining safe box

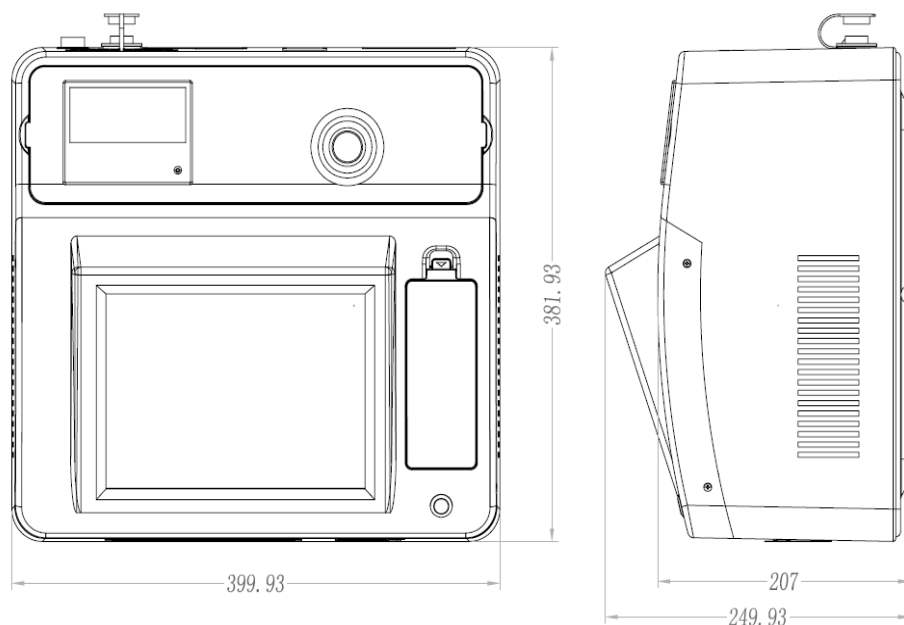
Technical Specifications

Technology	Ion Mobility Spectrometry, IMS
Detectable explosives	Trinitrotoluol(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 or narcotics
Alarm	Sound and light
Detection limit	10ng cocaine; 1ng TNT
Identify speed	≤ 8 seconds
Warm-up time	< 20 minutes
False alarm rate	$\leq 1\%$
Display	10.4 inch TFT color touch screen
Maximum consumption	$< 300W$
Power	Input AC 100-240V/50-60Hz; Output DC 12V/12A
Operating temperature	$-10^{\circ}C \sim 55^{\circ}C$
Humidity	45% $\sim$ 85%

Compliance

International	* ISO19001 ; ISO14001 ; OHSMS18001 ; * CE RoHS * FCC
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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)