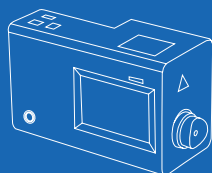
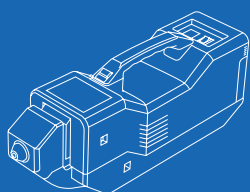


OUR EQUIPMENT **YOUR SAFETY**



TRADESNABEXPORT



Kerber-T

The Kerber-T ion mobility spectrometer is designed to detect narcotic drugs.

Identification and recognition
of narcotic drugs



SCOPE OF APPLICATION:

- inspection of cargo, vehicles, individuals, carry-on bags and luggage at transport infrastructure facilities, in crowded places, during customs and border control;
- inspection of territories and facilities by environmental control services;
- inspection of suspects by law enforcement agencies;
- postal packages screening, etc.

ADVANTAGES:

- Quick switching between vapor and trace quantities analysis
- Non-radioactive ionization source
- No expensive consumables required
- Wide range of detectable substances
- Efficient self-cleaning system

TECHNICAL SPECIFICATION:

Detection principle	bipolar ion mobility spectrometry
Ionization method	pulsed corona discharge (without radioactive source)
Overall dimensions of detector (LxWxH)	410x110x170 mm
Weight	3.7 kg
Consumed power	up to 100 W

Detectable illicit drugs and psychotropics	cannabinoids (hashish, marijuana), opiates (morphine, heroin, codeine, fentanyl, etc.), amphetamines (amphetamine, methamphetamine, MDMA, etc.), cocaine, etc.
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Time to switch to the operating mode	max 15 min
Detection and identification time for all detected substances	max 5 sec
Switching time between vapor and particle detection modes	max 1 sec
Switching between vapor and particle detection modes	without attaching additional accessories
Time to change the type of analyzed ions (automatic cyclic change of polarity)	max 0.2 sec
False response rate	max 1%
Time of continuous self-contained operation with standard battery pack	min 4 h
Detector cleaning time under normal operating conditions	max 3 min
Computer communication interfaces	Ethernet, USB (*2), Wi-Fi (optional)
Data format for logging and exchange	XML, PNG

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