ITEMISER® DRUG TEST KIT
TEST BULK SUBSTANCES FOR MULTIPLE NARCOTICS SIMULTANEOUSLY
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Morpho’s Itemiser Drug Test Kit (I-DTK) allows portable, advanced Itemiser trace detectors to simultaneously and accurately test bulk seizures of suspected contraband for a wide range of drugs. In just seconds, a single I-DTK test can detect and identify multiple drugs by checking against a specified substance catalog, and the array of identifiable substances can be broadened by adding custom and other optional substance configurations (such as Methoxetamine) to the Itemiser library.

With fast and easy preparation for optimal flexibility, the I-DTK is designed for precision testing in the field as well as in the lab, and also supports remote sample preparation for future testing when collection occurs away from an Itemiser detector.

Itemiser Drug Test Kit further extends the utility of Morpho’s lightweight Itemiser desktop detectors and expands the potential applications of Morpho’s patented Ion Trap Mobility Spectrometer (ITMS™) technology, one of the most widely-used ion mobility spectrometry (IMS) technologies employed by global law enforcement agencies.

APPLICATIONS
- Cocaine
- Mdma
- Ketamine
- Heroin
- 4-mmc
- Amphetamine
- Methamphetamine
- Buprenorphine

ITEMISER 3 ENHANCED BENEFITS

Sensitivity/Selectivity
- Patented ITMS™ technology helps increase ion population, enabling detection of microscopic traces of explosives and narcotics
- Patented switching mechanism simultaneously detects positive and negative ions, enabling the detection of a broad range of explosives, while also detecting narcotics

Versatile
- Remote monitoring capable
- Detects both explosives and narcotics
- Semi-permeable membrane excludes dust and dirt to allow continued operation in environments that have high traffic, humidity or contamination
- Expandable libraries to accommodate unique user requirements
- Three default user levels (operator, maintenance and administrator) for greater access control

Cost Effective
- Helps reduce capital investments by providing a single solution for both narcotics and explosives detection
- Patented regenerative dryer can eliminate the need for monthly dryer replacement, and may reduce maintenance downtime, and lower consumables cost
- Folding monitor screen automatically shuts off backlight to extend life of display

Reliable
- Automated calibration helps assure operational accuracy
- Maintains a low, stable, humidity level in the detector allowing for consistent and reliable detection results
- Automatically saves test results, preventing deletions

Ease of Use
- On screen keyboard
- Touch screen menus on a graphical user interface can be easy to learn and operate
- Built in printer for fast hard copy results or printing at a later date
- Quick analysis and results in approximately 8 seconds
- Software upgrades can be easy to install
- Local language options available

Portable
- Lightweight (26.5 lb/12 kg) with built-in handles and soft case for easy transport
- Operates from a vehicle’s 12 VDC power outlet
- Internal, one-hour battery allows instrument relocation without having to shut it off, eliminating warmup time

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