EVIDENTIAL BREATH TEST INSTRUMENT DRAEGER ALCOTEST 9510

Washington State Patrol Impaired Driving Section Lieutenant Rob Sharpe

WSP BREATH TEST PROGRAM

Employs technicians who;

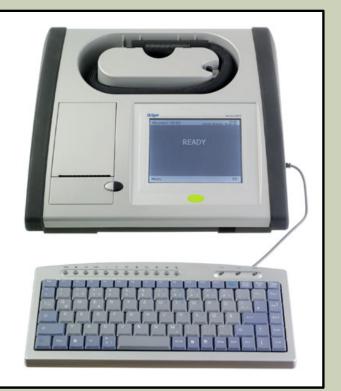
- calibrate, certify, maintain, and repair all breath testing instruments in the state,
 Instruments are located at 232 field locations.
- train, certify, and recertify over 8,000 law enforcement officers to operate the instruments and,
- provide expert courtroom testimony.

WHY DID WASHINGTON DECIDE TO CHANGE EVIDENTIAL BREATH TEST INSTRUMENTS?

- 2008 National Patent Analytical Systems (NPAS) ended production of DataMaster
- Parts are difficult to obtain, have to be refurbished, and costs have increased

NEW INSTRUMENT SELECTION

- Four different evidential breath test instruments were tested and evaluated
- Specifications were developed
- Procurement petitions
- Draeger Safety Diagnostics Inc. instrument was selected.



PRIMARY INSTRUMENT DIFFERENCES

- Utilizes an external dry gas versus wet bath
- Easier software updates
- Utilizes two measurement systems
 - Infrared and electrochemical cell (fuel cell) technologies
- Faster data entry
 - Bar code readers
 - Pull down menus
- Windows CE interface allows for streamlined access
- Able to reprint breath test documents up to 90 days after test





PREPARATIONS

- Instrument software development and validation
- Update RCW and WAC
- Calibration and testing method development and validation
- Identify and validate reference equipment and consumables
- Create technical, training, operations, and quality manuals
- Modify DUI Arrest Report
- Train technicians
- Develop IT links to instruments
 - Restructure instrument maintenance database
- Accreditation

DEPLOYMENT

