

**EVIDENTIAL BREATH TEST INSTRUMENT  
DRAEGER ALCOTEST 9510**

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Impaired Driving Section  
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# 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

