

ECO Calibration and Repairs

Diagnosis: Evaluated instrument (FLNTUS-9025) Found corrosion in motor Shaft, on Motor and Detector Diodes. Optical Head replacement required due to Detector LEDs cover with corrosion.

Repairs and Modifications: Replaced Optical Head, Motor, Shaft Bearing and Shaft connector due to Corrosion. Standard Calibration Completed. Unit Returned to Customer Settings.

ECO Standard Service:

The instrument bulkhead connector, pressure housing and window\optics are inspected for damage. Instrument is checked to determine proper functionality. Incoming settings and memory are collected if incoming condition allows.

If applicable, a pre-service characterization is performed. Data is analyzed and Instrument is rescaled.

The head is inspected for cracks in detector and motor bores. Case seals, shaft, shaft seal, faceplate, wiper, desiccant pack, and batteries (if equipped) are replaced. Noise, stability, and live pressure test performed.

Final calibration and characterization is completed. Including calibration of thermistor and pressure sensor (if equipped). A device file, repair sheet, and new characterization sheets are provided to customer via USB.