



ac-s Repair Summary

Date 9/21/2016 Customer U of Maine

RO # 31754

S/N # acs007 Technician cad

Cal # 15

Incoming Status/Noted Problems with ac Meter

- Meter was out of spec for noise and drift tests, and shake test.
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Standard Service

- ~~Replaced pressure housing seals~~
- Checked all internal components for wear and damage
- ~~Replaced 'a' & 'e' lamps~~
- ~~Cleaned all optical components~~
- ~~Focused and aligned optics~~
- ~~Checked filter wheel motor registration~~
- Performed stability and noise tests
- Replaced desiccant, performed vacuum purge
- Performed shake and pressure tests
- Performed temperature, air, and water calibrations
- Updated meter's calibration information
- Compiled customer CD with calibration, device file, and air tracking file

Additional Repairs

- No repairs per customer request.
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Comments

- Meter may have loose optics as evidenced by the shake test. The noise and drift failures should be addressed.