



ac-9 Calibration and Device File

Date 10/14/2016 Customer University of Maine

RO # 31754

S/N # ac90274 Technician cad/dw/JAM

Cal # 11

Chan.	Air Val.	Prec.	Water Off.
a650	-0.2646	0.0003	8.0445
a676	-0.3457	0.0004	8.0458
a715	-0.8143	0.0002	7.6002
c510	0.2625	0.0002	8.2984
c532	0.2332	0.0003	8.2815
c555	0.3494	0.0002	8.2532
a412	0.0002	0.0008	6.5502
a440	0.0029	0.0004	7.1063
a488	0.0094	0.0002	7.5844
c650	-0.0443	0.0002	8.0723
c676	-0.0608	0.0002	7.8992
c715	-0.5268	0.0002	7.3661
a510	0.0025	0.0003	7.7386
a532	-0.0053	0.0004	7.8348
a555	-0.0145	0.0003	7.9679
c412	0.2955	0.0004	8.3046
c440	0.2867	0.0002	8.2705
c488	0.2662	0.0002	8.3011

Tcal: 19.2 degrees C

Ical: 25.2 degrees C

Acal: 32.7 degrees C

Avcal: 32.9 degrees C

Temperature range: 16.3 to 45.0 degrees C

Definitions

Air Value: "a" or "c" when instrument is run with air in flow tubes using the clean water device file (*.dev).

Precision: The standard deviation in air, measured in inverse meters, at a six scan integration.

Water offset: "a" or "c" offsets in clean water device file (*.dev)

Tcal: Water temperature in flow tubes during water calibration (*.dev).

Ical: Internal instrument temperature during water calibration (*.dev).

Acal: Internal instrument temperature when recording air offsets in the *.cal file.

Avcal: Internal instrument temperature when recording air values.

Temperature range: Recommended internal instrument operating range.