

Metadata

Standardized Instrument Name	Alec CT (conductivity, temperature) sampler
Scheme URI	
Term URI	
Instrument DOI	
Instrument Unique ID	Alec
ID Type	1578
Model No.	CT 1578
Instrument Type	Baseline
Description	The COMPACT series instruments are small and highly accurate two-channel recorders using a micro-controller. Its 16bit A/D converter gives digital resolution of 1/65000 of the measuring range. Conductivity and Temperature sensors are located on these instruments.
Manufacturer	JFE Advantech Co., Ltd.
Manufacturer type	Organizational
Notes	
Sensor Details	
Sensor Details 1	
Instrument Sensor Name	ACT-HR 1578 Temperature Sensor
Instrument Sensor Serial No.	
Sensor Range	-5- to +40
Sensor Sensitivity	
Sensor Units	Degrees Celsius
Last Calibration Date	2015-12-01

Sensor Details 2

Instrument Sensor Name	ACT-HR 1578 Conductivity Sensor
Instrument Sensor Serial No.	
Sensor Range	0 - 60
Sensor Sensitivity	
Sensor Units	mS/cm
Last Calibration Date	2015-12-01

Data and Resources

URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/4f8f38d7-e3e7-4593-a397-dfaca14e5e0f/resource/e9b63f95-a7aa-4b40-a20d-b1e0b1ed42a7/download/act-hr-sn1578-2015-12-16.pdf
Name	Alec CT-1578 Calibration Certificate
Description	Temperature and conductivity calibration certificate for ACT-HR Compact CT 1589 Sensor
Format	PDF
Resource Category	documents

URL	https://cwincloud.cc.umanitoba.ca/canwin_public/mbgl_public/-/blob/main/Instruments/Manuals/Alec%20Compact%20CT%20Manual.pdf
Name	ACT-HR Alec-CT User Manual
Description	User Manual for ACT-HR Conductivity Temperature sensors. Link is to CanWIN Public Gitlab repository.
Format	PDF
Resource Category	documents

Deployment details

Title	Lake Manitoba Mooring 2017 Deployment
URL	https://canwin-datahub.ad.umanitoba.ca/data/deployment_details/2017-gl_lmb_m-deployment

Campaigns

Title	MBGL Synoptic Survey 2 July 27 - August 20, 2016
URL	https://canwin-datahub.ad.umanitoba.ca/data/campaign/mbgl-ss2-july-august-2016
Title	MBGL Synoptic Survey 1 May-June 2016
URL	https://canwin-datahub.ad.umanitoba.ca/data/campaign/mbgl-ss1-may-june-2016