

# Metadata

<b>Standardized Instrument Name</b>	Alec CT (conductivity, temperature) sampler
<b>Scheme URI</b>	
<b>Term URI</b>	
<b>Instrument DOI</b>	
<b>Instrument Unique ID</b>	Alec
<b>ID Type</b>	1578
<b>Model No.</b>	CT 1578
<b>Instrument Type</b>	Baseline
<b>Description</b>	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.
<b>Manufacturer</b>	JFE Advantech Co., Ltd.
<b>Manufacturer type</b>	Organizational
<b>Notes</b>	
<b>Sensor Details</b>	
<b>Sensor Details 1</b>	
<b>Instrument Sensor Name</b>	ACT-HR 1578 Temperature Sensor
<b>Instrument Sensor Serial No.</b>	
<b>Sensor Range</b>	-5- to +40
<b>Sensor Sensitivity</b>	
<b>Sensor Units</b>	Degrees Celsius
<b>Last Calibration Date</b>	2015-12-01

## Sensor Details 2

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

## Data and Resources

<b>URL</b>	<a href="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">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</a>
<b>Name</b>	Alec CT-1578 Calibration Certificate
<b>Description</b>	Temperature and conductivity calibration certificate for ACT-HR Compact CT 1589 Sensor
<b>Format</b>	PDF
<b>Resource Category</b>	documents

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

## Deployment details

<b>Title</b>	Lake Manitoba Mooring 2017 Deployment
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/2017-gl_lmb_m-deployment">https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/2017-gl_lmb_m-deployment</a>

# Campaigns

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