

Metadata

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| 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

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|-------------------------------------|---------------------------------|
| 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

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| 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 |

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| 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

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

Campaigns

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| 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 |