○ Facilities and instruments(2023.10.25update)

◎Division of Atmospheric Environmental Studies

Facilities and instruments	Model number	Manufacturer	Location	K-INET Staff
光散乱式粒子濃度測定器 OPC Particle Counter Air Borne	KC-01E	RION	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
光散乱式粒子濃度測定器 OPC Particle Counter Air Borne	KC-22B	RION	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
走査型移動度粒径測定装置 DMA Differential Mobility Analyzer 3081	DMA model 3081	TSI	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
走査型移動度粒径測定装置 SMPS Ultrafine Condensation Particle Counter	CPC model 3776	TSI	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
雲凝結核カウンター　CCNC Cloud Condensation Nuclei Counter	CCN-100	DMT	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
エアロゾル化学種別分析モニター ACSM Aerosol Chemical Speciation Monitor	Aerodyne Inc.		Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
マルチアングル吸光光度計MAAP Multi Angle Absorption Photometer	model 5012	Thermo Scientific	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
ウェザーステーション Weather Station		Prede	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
中性クラスター及び大気イオン測定器 Neutral Cluster and Air Ion spectrometer	NAIS	Airel	Noto Atmospheric Monitoring Supersite (Noto Gtound-based Research Observatory)	Atsushi Matsuki
非メタン炭化水素自動計測器 Hydrocarbon Analyzer	HA-771	KIMOTO ELECTRIC CO.,I	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Ning Tang
$PM_{2.5\&1}$ 自動計測器 PM2.5＆1 Monitor	PM-714	KIMOTO ELECTRIC CO.,I	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Ning Tang
オゾン自動計測器 OA-781Ozone Analyzer	OA-781	KIMOTO ELECTRIC CO.,I	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Ning Tang
二酸化硫黄自動計測器 Sulfur Dioxide Analyzer	SA-731	KIMOTO ELECTRIC CO.,I	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Ning Tang
窒素酸化物自動計測器 Nitrogen Oxides Analyzer	NA-721	KIMOTO ELECTRIC CO.,I	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Ning Tang
有機エアロゾル自動計測器 Organic Aerosol Analyzer	APC-710	KIMOTO ELECTRIC CO.,I	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Ning Tang
気象計システム Meteorological meter system	WM-07	KIMOTO ELECTRIC CO.,I	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Ning Tang
電子顕微鏡 Electronic Microscope	S-3000N	Hitachi	Kakuma Campus	Atsushi Matsuki
顕微レーザーラマン Tip-Enhanced Raman Scattering		Tokyo Instruments Inc.	Kakuma Campus	Atsushi Matsuki
原子間力顕微鏡 Atomic Force Microscope		Tokyo Instruments Inc.	Kakuma Campus	Atsushi Matsuki
NPAH分析システム（化学発光・蛍光検出／HPLC） NPAH analysis system		Shimazu	Kakuma Campus (Hardlabo3)	Tang Ning
PAH分析システム（蛍光検出／HPLC） PAH analysis system		Shimazu	Kakuma Campus (Hardlabo3)	Tang Ning
イオンクロマトグラフ（883ベーシックICプラス） Ion chromatography (833 Basic IC plus)		Metrohm	Kakuma Campus (Hardlabo3)	Tang Ning
ハイボリウムエアサンプラー High Volume Air Sampler	HV-1000R	Shibata Scientific Technolosy	Noto Atmospheric Monitoring Supersite (Wajima Air Monitoring Station)	Tang Ning
ハイボリウムエアサンプラー High Volume Air Sampler	HV-1000R	Shibata Scientific Technolosy	Kakuma Campus	Tang Ning

◎Division of Terrestrial Environmental Studies

Facilities and instruments	Model number	Manufacturer	Location	K-INET Staff
誘導結合プラズマ発光分光分析装置 Inductively Coupled Plasma-Optical Emission Spectrometers (ICP-OES)	710-ES	Varian	Kakuma Campus	Keisuke Fukushi
イオンクロマトグラフィー Ion chromatography	IC-2010	Tosoh Corporation	Kakuma Campus	Keisuke Fukushi
ICP質量分析計 ICP-MS	iCAP RQ	thermo scientific	Kakuma Campus	Keisuke Fukushi
地球化学コード Geochemical code	The Geochemist's Workbench	Aqueous Solutions	Kakuma Campus	Keisuke Fukushi
表面錯体モデリング支援コードa program to support surface complexation modeling	ETL(MIN)2		Kakuma Campus	Keisuke Fukushi
レーザ回折式粒度分布測定装置 Laser diffraction particle size analyser	SALD－2000J	Shimazu	Kakuma Campus	Noriko Hasebe
レーザ回折式粒度分布測定装置 Laser diffraction particle size analyser	SALD－2200	Shimazu	Kakuma Campus	Noriko Hasebe
実体顕微鏡 Stereomicroscope	SMZ1500	Nikon	Kakuma Campus	Noriko Hasebe
生物顕微鏡 Biological microscope	ECLIPSE E600	Nikon	Kakuma Campus	Noriko Hasebe
生物顕微鏡 Biological microscope	OPTIPHOT-2	Nikon	Kakuma Campus	Noriko Hasebe
生物顕微鏡 Biological microscope	DS-Ri1	Nikon	Kakuma Campus	Noriko Hasebe
PhotoCounter	Pj01142	MEDEC	Kakuma Campus	Noriko Hasebe
インペラ籾摺り機 Impeller rice husker	FC2K	Otake Agricultural Machiner	Botanical Garden	Nisikawa Usio
小型脱穀機 モーター式 Motor-operated small threshing machine	MR-400MD	Ogihara	Botanical Garden	Nisikawa Usio
穀物選別機 SKトーミ(唐箕)モーター付 Motor-operated grain sorter (tomi)	M-38	Shimizu-kogyo	Botanical Garden	Nisikawa Usio
液体クロマトグラフィー質量分析装置 Liquid Chromatograph – Mass Spectrometry:LC-MS/MS	5977B GC/MSD	Agilent	Botanical Garden	Masato Honda
ガスクロマトグラフィー質量分析装置 GC-MS	ABI-4500	Sciex	Botanical Garden	Masato Honda

◎Division of Marine Environmental Studies

Facilities and instruments	Model number	Manufacturer	Location	K-INET Staff
マイクロプレートリーダー Microplate reader	MTP-500	CORONA ELECTRIC	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
光学顕微鏡 Optical microscope	CX41	OLYMPUS	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
サーマルサイクラー Thermal cycler	GeneAtlas G	Astec	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
サーマルサイクラー Thermal cycler	Nexsus X2	Eppendorf	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
サーマルサイクラー Thermal cycler	Dice Touch	Takara	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
ゲル撮影装置 Gel imaging device	AE6905H	ATTA	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
分光光度計 Spectrophotometer	Nanodrop 2000	Thermo	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
微量冷却遠心機 Micro refrigerated centrifuge	3520	Kubota	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
微量冷却遠心機 Micro refrigerated centrifuge	3700	Kubota	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi

オートクレーブ Autoclave	BS-245	TOMY	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
冷却遠心機 Refrigerated centrifuge	CR21N	Hitachi	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
冷却遠心機 Refrigerated centrifuge	5911	Kubota	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
超遠心機 Ultracentrifuge	CS100PNY	Hitachi	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
蛍光顕微鏡 Fluorescence microscope	BX51	OLYMPUS	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
蛍光顕微鏡 Fluorescence microscope	BZ-9000	KEYENCE	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
実体顕微鏡 Stereomicroscope	SMZ1000	Nikon	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
蛍光実体顕微鏡 Fluorescent stereomicroscope	SZX-16	OLYMPUS	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
純水製造装置 Pure water production equipment	RFD240NC	ADVANTEC	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
超純水製造装置 Ultrapure water production equipment	Direct-Q UV3	Merck	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
組織破砕装置 Tissue disruptor	Disruptor Genie	Scientific Industries	Noto Marine Laboratory	Nobuo Suzuki Youichiro Kitani
高速液体クロマトグラフィー High performance liquid chromatography	ELITE LaChrom	Hitachi	Noto Marine Laboratory	Nobuo Suzuki Toshio Sekiguchi
高速液体クロマトグラフィー High performance liquid chromatography	UFLC	Shimadzu	Noto Marine Laboratory	Nobuo Suzuki Youichiro Kitani
微量冷却遠心機 Micro refrigerated centrifuge	3520	Kubota	Noto Marine Laboratory	Nobuo Suzuki Youichiro Kitani
組織破砕装置 Tissue disruptor	μT12	TAITEC	Noto Marine Laboratory	Nobuo Suzuki Youichiro Kitani
凍結乾燥機 Lyophilizer	FD-1000	EYELA	Noto Marine Laboratory	Nobuo Suzuki Youichiro Kitani

◎Division of Integrated Environmental Studies

Facilities and instruments	Model number	Manufacturer	Location	K-INET Staff
Ge半導体検出器 Germanium semiconductor detector	平板型（1台） ウェル型（1台）	Mirion Technologies (Canberra) KK	Low Level Radioactivity Laboratory	Seiya Nagao Shinya Ochiai Mutsuo Inoue
Ge半導体検出器 Germanium semiconductor detector	平板型（1台） ウェル型（1台）	Mirion Technologies (Canberra) KK	Low Level Radioactivity Laboratory	Seiya Nagao Shinya Ochiai Mutsuo Inoue
蛍光分光光度計 Fluorescence spectrophotometer	F-7100	Hitachi	Low Level Radioactivity Laboratory	Seiya Nagao
紫外可視分光光度計 Ultraviolet-visible spectrophotometer	U-3010	Hitachi	Low Level Radioactivity Laboratory	Seiya Nagao
高速液体クロマトグラフィー High performance liquid chromatography	L-6000	Hitachi	Low Level Radioactivity Laboratory	Seiya Nagao
PAH分析用高速液体クロマトグラフ（蛍光検出）	20A	Shimadzu	Low Level Radioactivity Laboratory	Seiya Nagao Tetsuya
卓上塩分計	DIGI-AUTO MODEL.6	Tsurumi seiki	Low Level Radioactivity Laboratory	Mutsuo Inoue
高速冷却連続遠心機 High-speed cooling centrifuge	H-2000B	Kokusan	Low Level Radioactivity Laboratory	Seiya Nagao
真空凍結乾燥機 Vacuum freeze dryer	FDV-106	EYELA	Low Level Radioactivity Laboratory	Seiya Nagao
全有機炭素計 Total Organic Carbon analyzer	TOC-V_{CSN}	Shimadzu	Low Level Radioactivity Laboratory	Seiya Nagao
静電捕集型ラドン濃度測定器	RAD7	Durridge	Low Level Radioactivity	Seiya Nagao
直読式総合水質計	AAQ-RINKO	JFE Advantech	Low Level Radioactivity	Seiya Nagao