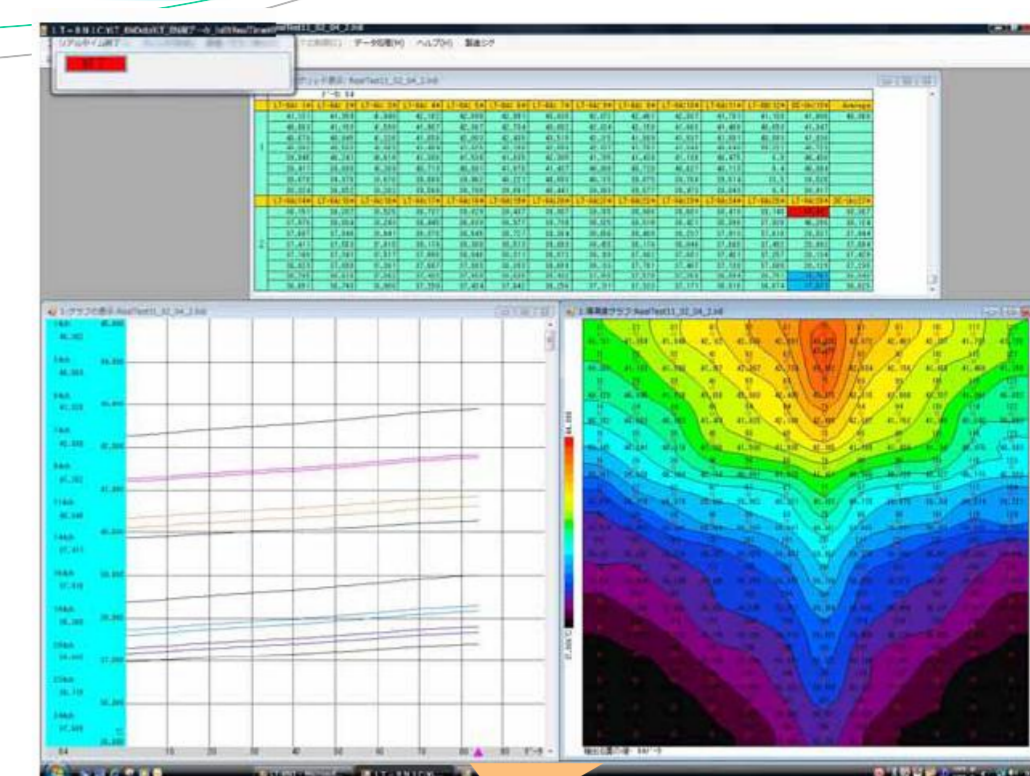
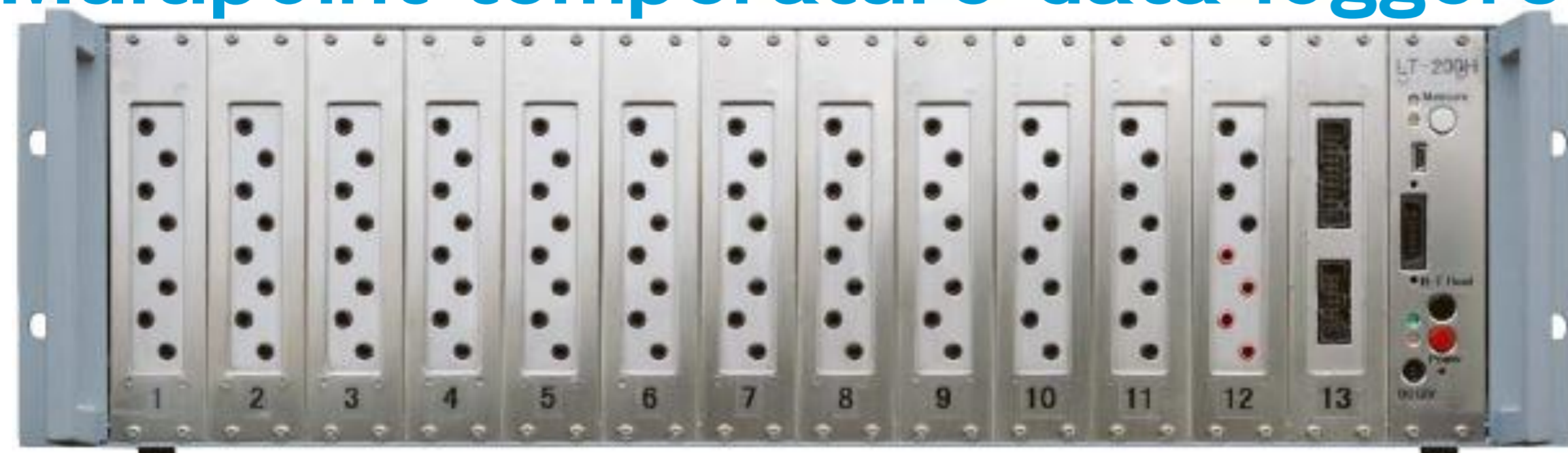


立山科学工業株式会社 TATEYAMA KAGAKU INDUSTRY CO.,LTD.

LT-200

Multipoint temperature data loggers



LT-200 series is a multipoint temperature data logger capable of measuring, recording and monitoring via PC outputting

Temperature resolution: **0.001 °C**

Accuracy : **±0.02 °C**

Sampling period: **0.2 s**

Fast and accurate measurement

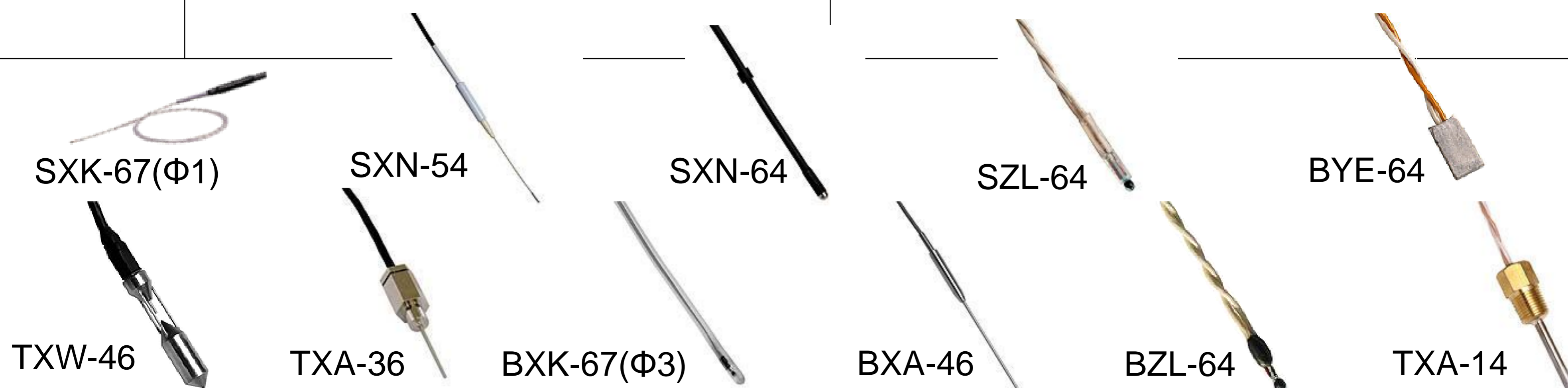
Features

Customizable sensor system

Simultaneous multiple-channel measurement without time lag

We, Tateyama Kagaku Industry Co., Ltd provide suitable temperature data loggers for your measuring objects

SXK-67	waterproof, chemical proof, precise temperature measuring	Φ1 extra fine catheter type sensor
SXN-54	body temperature of small animals	Φ2 measurement of rectal temperature of rats and mice
SXN-64	body temperature of animals	measurement of rectal temperature of animals(rabbits)
SZL-64	body temperature and skin temperature	measurement of body and skin temperature in motion physiology experiments and in physiology experiments in clothing
BYE-64	surface temperature	measurement of objects' surface temperature
TXW-46	water temperature	water temperature distribution measurement, management and research
TXA-36	waterproof	metal dimension L and tip diameter ΦD can be selected freely
BXK-67	waterproof, chemical proof	Φ3 high chemical resistance and high heat resistance
BXA-46	drip-proof	Submerged temperature (small type)
BZL-64	gas temperature	Exposed thermistor high sensitivity
TXA-14	Screw clamp	metal dimension L and tip diameter ΦD can be selected freely



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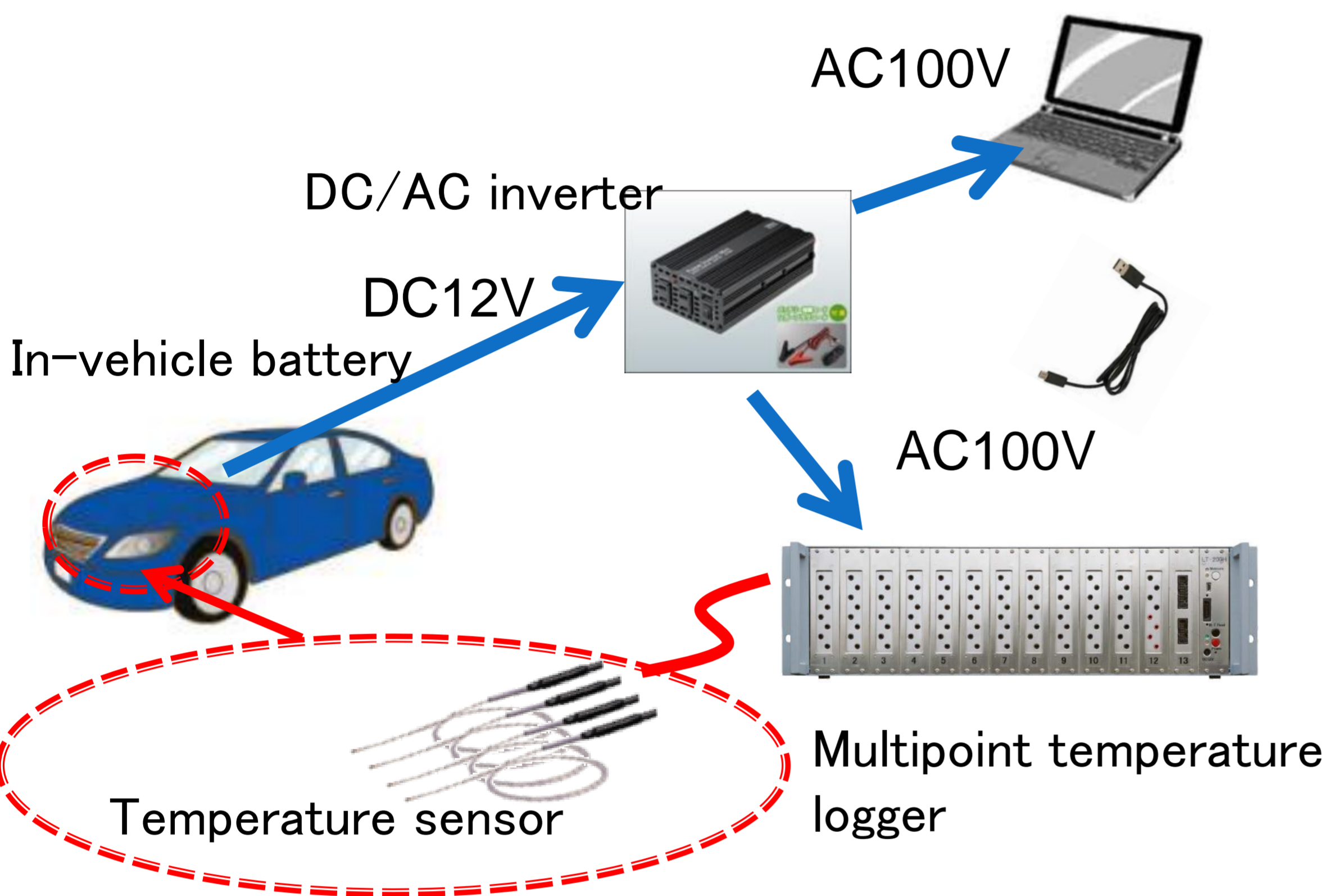
LT-200

Our performance

Heat management

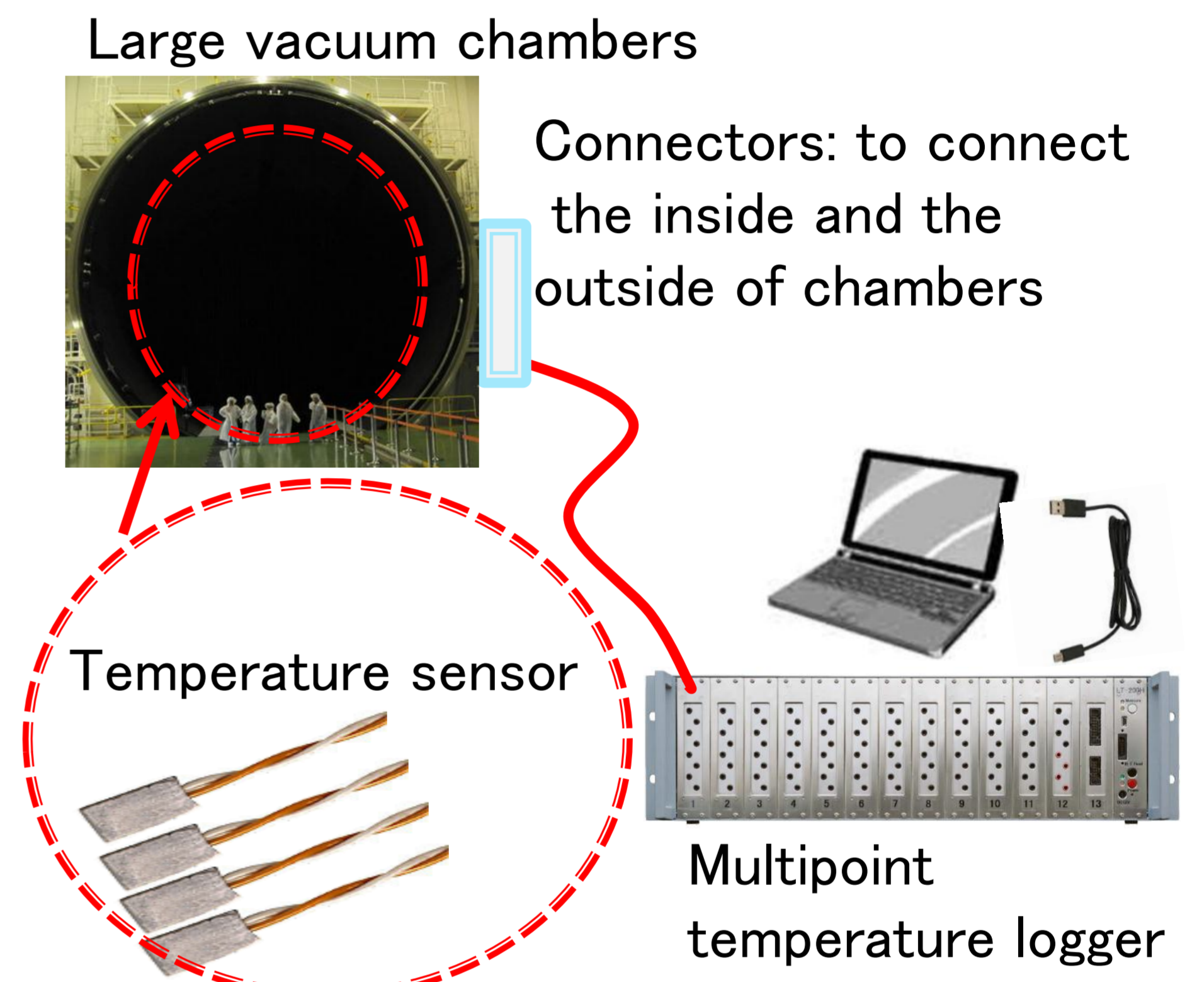
Measurement of the temperature of vacuum chambers

< Vehicle specific equipment >



Multipoint measurements of the temperature of the engine of a running car

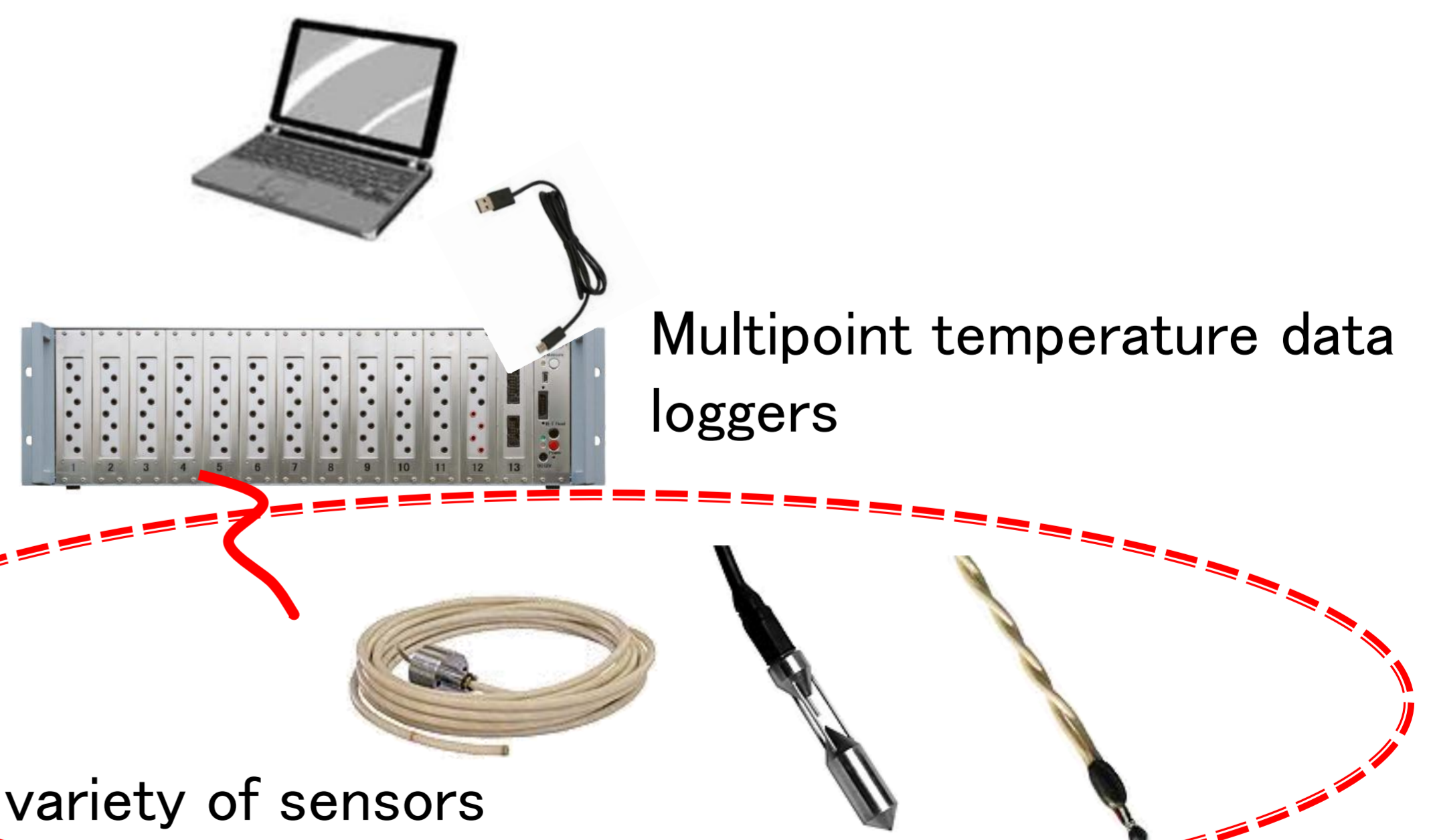
< Aerospace specific equipment >



Multipoint measurements of the temperature of vacuum chambers

Evaluation using a variety of sensors such as in hydraulic test

< Hydraulic test >

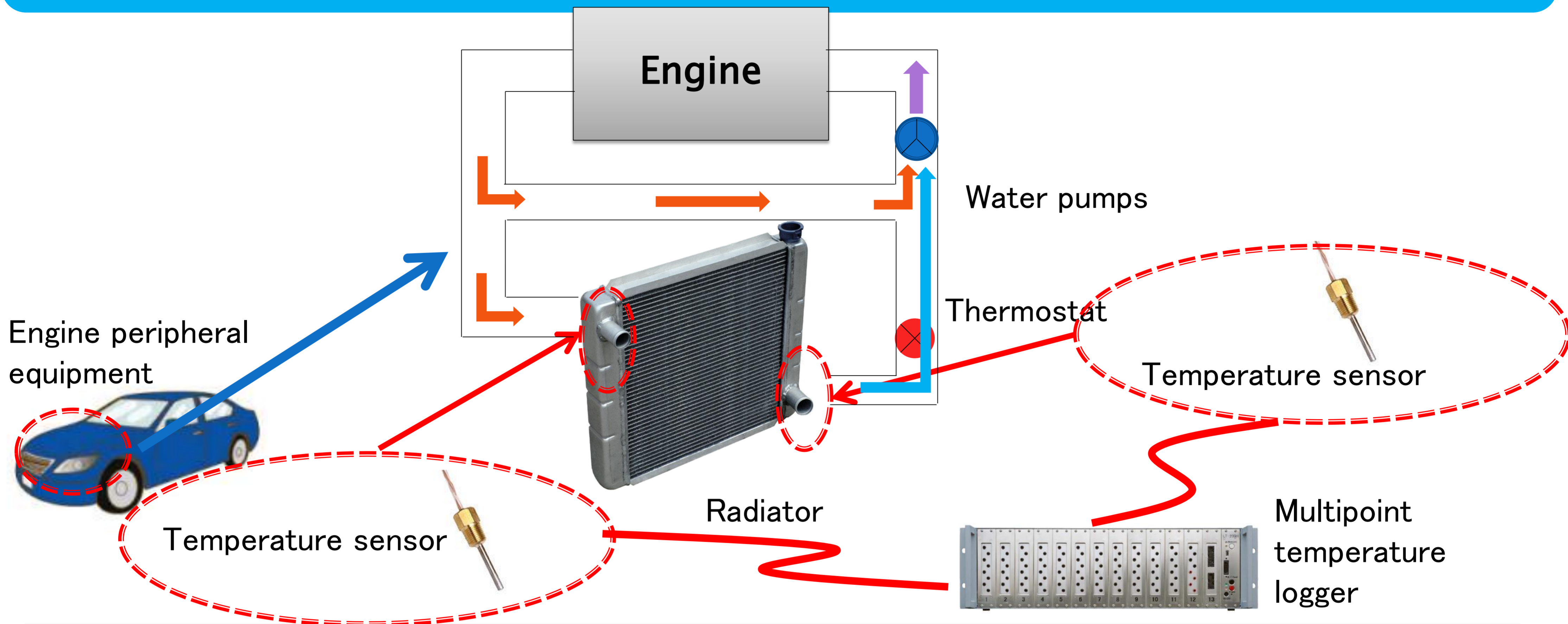


By situating miniature cities, rivers, dams, we make observations of hydraulic phenomena of these miniature cities, rivers and dams

LT-200

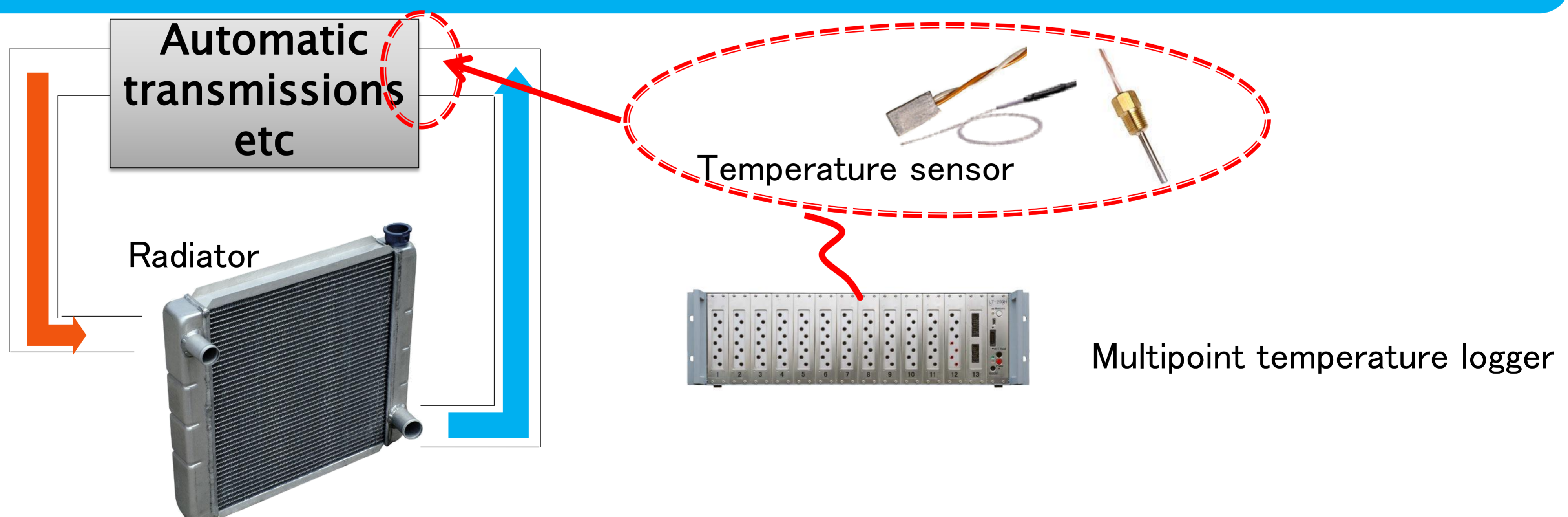
Example of use

The fuel efficiency evaluation using the calorimetric measurement of the radiator



Can measure the variation of heat capacity by measuring input temperature and output temperature of the radiator exactly at the same time

Can conduct the estimation of each part's temperature by using ATF



Can exactly measure a change in temperature at the time of cooling parts with heat

Can conduct the estimation of new automotive materials' temperature characteristics, the estimation of oil cooler temperature, as well as the estimation of inter cooler temperature