Smart Connect

Unique and exclusive controller for HIFLEX NEO and NEO S series $\,$





Paperless recorder

CF card is available to memorize data.

* Chart recorder is also avail able.



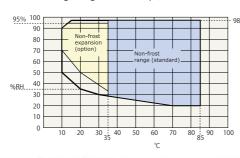
AC100V plug

Plug outlet (AV100V5A) with over current protection fuse for supplying power to external device.



Non-frost mechanism

Non-frost range can be expanded as option. This mechanism minimizes frost during long time temp./humid. test.



Temp.(humid.) output terminal

Temp. (humid.) data is output at DC4-20mA...

*Usable cable length is less than 10M.

+150 °C specification

Maximum controllable temp. is increased up to $+150\,^{\circ}\text{C}$. This specification has sufficient capacity to cool down from $+150\,^{\circ}\text{C}$. to perform a wider range of test.

*A part of standard specifi cation is changed.

Automatic restart function

This allows chamber to automatically restart the operation from the condition just before a power failure occurred. This function is set to activate within 5 minutes.

Defrost mechanism

Automatically remove frost formed around cooling coil.



Signal tower

Operation status is indicated by different colors.



Warning light

This light rotates, flashes and warns of the occurrence of trouble.



Emergency stop switch

Chamber suddenly stops by intercepting breaker current at emergency.



Additional overheat protector

Additional overheat protector can be equipped for better protect of specimen.



Over cooling protector

This protector prevents temp. from dropping excessively below the test temp.



Additional water tank

20-liter tank is connected with a one-touch joint.



Round cable port

φ50mm cable port with stainless steel caps is available. The special sealing materials prevents steam escaping from inside chamber.



Square cable port

Cable port with opening dimension 100x30mm is available. The special sealing materials prevents steam escaping from inside chamber.



Round cable port φ120

Wider round cable port with inside 120mm is also available.



Heavy-duty shelf

Suitable for relatively heavy specimen with load up to 30Kg.



Shelf with supporters

Stainless steel shelf with mesh fabric. One shelf board and two supporters are included as standard equipment. The withstand load is 15 kg.



Inside door with operation slots

- * A pair of glove ports (inside dimension 120mm) in internal reinforced glass door is available.
- * Selectable with viewing window at external door or not.
- * Temp. ramp-up and rampdown rate differs than standard specification.



Whole glass door

It is usable for observation of specimen inside chamber.

- *Operation slot is option.
 *Temp. ramp-up and ramp-
- down rate differs than standard specification.



Large viewing window

Larger FX430N window is put on FX410N and FX420N.

*Temp. ramp-up and ramp-down rate differs than standard specification.



Reinforced floor (up to 200kg/m2)

If specimen to be put on floor is heavier than standard load 80 kg/m2,

floor can be reinforced.

*Depending on the model, the height of the castor increases by 15 mm.

Reinforced pillar (up to 200kg)

If specimen to be put inside chamber is heavier than standard main body allowable load 100kg, pillar can be reinforced.

*Depending on the model, the height of the castor increases by 15 mm.

Humidification water concerned

Humid. water direct supply system

If pure water supply line is available at installation site, the water pipe directly connected with chamber for automatic supply.