

Cooling Water Inspection Device



● Use

This device is used to inspect and confirm cooling water channel in die.

- To confirm cooling water flow rate (if it satisfy the flow rate pre-set.)
- To check if cooling water is not leaked.

Please use this device to confirm water flow rate in die when die is produced or when a die receives maintenance work.

● Characteristics

- Measures flow rate in each cooling channel
- Displayed in digital in ℓ / min
- Inspect water leakage by pressurizing whole the cooling channel
- The device has built-in filter to remove fine dust which may be produced at die making.
- Air purge is provided after inspection so that the water will not remain in the water channel.
- We have the devices for High-pressure, Middle-pressure and Low-pressure.

● Measurement • Inspection Items

Measuring flow rate in each cooling channel.

Measurement : indicated in ℓ / min .

Measuring interval is 1 second. Easy to read fluctuation in numerical value.

Leakage Test

Cooling water circuit is closed.

Water is pressurized and check the pressure within the set-time.

If pressure value is changed, it is regarded as water channel has some problem and there may be some leakage.

● Specification

Model	CC-20-4	CC-10-20	CC-02-45
Pressure type	for High Pressure Water	for Middle Pressure Water	for Low Pressure Water
Max. water pressure	2.0MPa	1.0MPa	0.2MPa
Max. water flow	4 l /min	20 l /min	45 l /min
Measuring water flow rate	0.5~4 l /min	0.5~20 l /min	2.5~45 l /min
Leakage test	Provided		
Air purge	Provided		
Anti-corrosive test	Possible		
Tank capacity	30 l		
Supply air	0.4~0.8MPa		
Power	AC 200V	AC 200V	AC 100V
Power Consumption	2.2kW	1.5kW	0.4kW
Frequency	Designated frequency		
Dimension(mm)	D500xW500XH910(Main body)		
Mass(dry)	60kg		
Connection	Please cotact us for the connection		

※We are ready to supply connecting hose between Cooling Water Inspection Device and Die. (Separately Sold)

● Example of order code designation

Model

CC-10-20