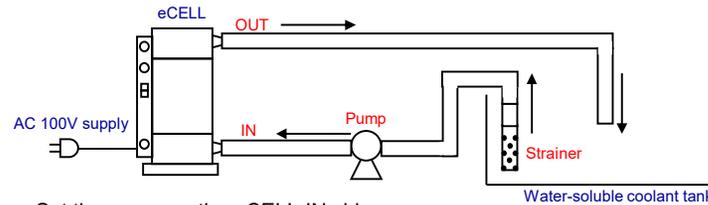


# eCELL Connection Example



1eCELL-A

## How to Use



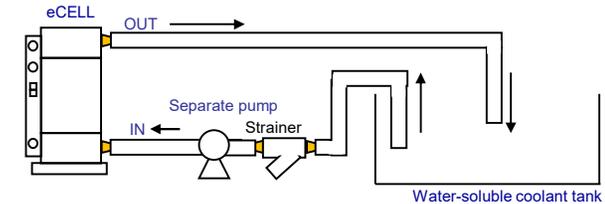
- Set the pump on the eCELL IN side  
(This has little impact on circulation flow rate)
- Attach the strainer to the pump IN side  
(Install at least a #100 strainer to prevent clogging)
- Suck water from the existing water-soluble cutting oil tank or tank inside the device  
(To prevent suction of sludge in the bottom of the tank, set the suction port in the liquid middle layer)
- eCELL OUT side to existing tank

eCELL Easy Set: A set of fittings, hoses, bands, and strainer  
(Options for the fittings, etc. needed for use are available)

## eCELL Easy Set

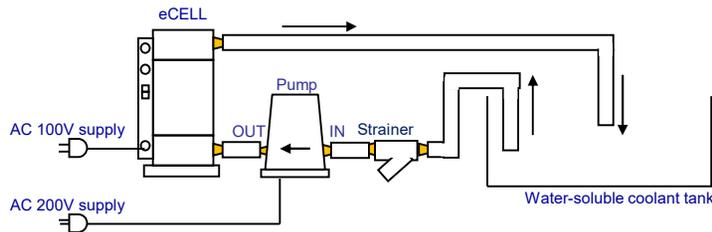
- Oil resistant hose (inner diameter:  $\Phi 12$ , 3 m)
- Hose bands (5)
- Y-shaped strainer (15A-100 mesh, x 1)
- Hose nipples (15A outer diameter:  $\Phi 12 \times 4$ )
- \*Fittings, etc. for connecting pumps are not included

### Connection diagram



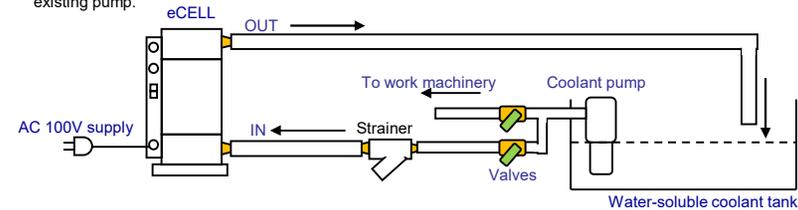
## When connected to electric pump

Example of pump to be used: VKN045A manufactured by Teral (Standard pipe diameter: Rc1/4 (8A))



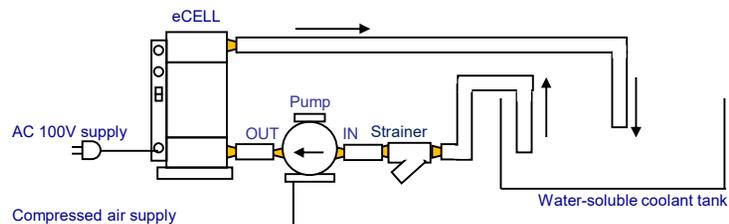
## When connected to existing pump (example of bypass connection)

Branch the existing line and connect it to eCELL (example of use of existing pump)  
In the example below, flow rate is adjusted using the valve at the branched location.  
\*Connection and the use of eCELL are sometimes not possible depending on the type and installation state of the existing pump.



## When connected to diaphragm pump

Example of pump to be used: TD08-AN manufactured by TAIYO/ (Standard pipe diameter: Rc1/4 (8A))



### [Notes]

- If there is a difference in lift between the pump installation location and the tank liquid level, it may not be possible to cause liquid to flow to eCELL.
- The above examples of eCELL connections are reference drawings. See the Instruction Manuals for details on how to install and use.