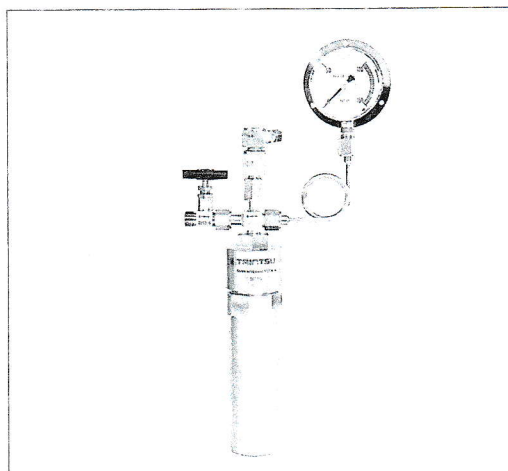


■ Examples of Assembling

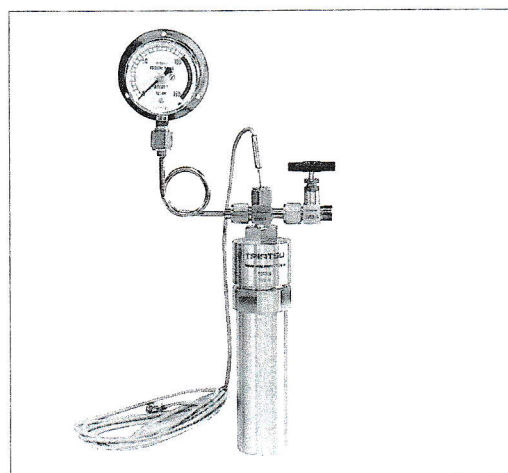
Portable Reactor is a reaction vessel attached one valve, and it is possible to make the user's reaction system which suits the experimental purpose by attaching of additional units (pressure gauge, safety valve, VP motor (agitator), stand, heater and control box, etc.



● Assembling Code TPR2-VS1-(10~500)

Consist of:

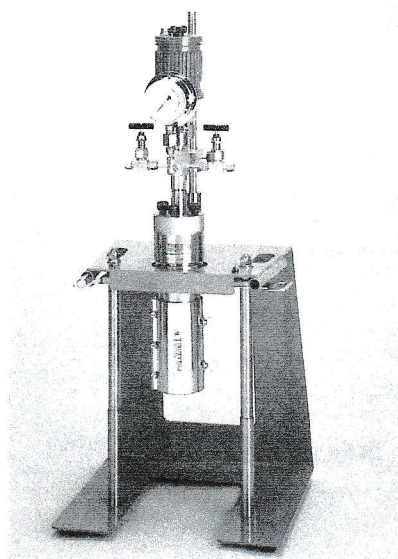
- ① Portable Reactor TVS-1 10ml~500ml
- ② Cross joint
- ③ NBS valve
- ④ Safety valve (Rupture type)
- ⑤ Pressure gauge



● Assembling Code TPR3-VS1-(10~500)

Consist of:

- ① Portable Reactor TVS-1 10ml~500ml
- ② Cross joint
- ③ Thermowell
- ④ Cap nut
- ⑤ NBS valve
- ⑥ Pressure gauge



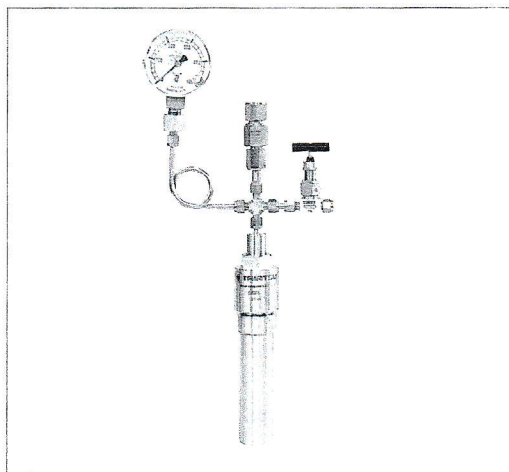
● Assembling Code TPR1-VS2-(100~500)

This is a high pressure type reaction system which combined with pressure gauge, safety valve, stand, heater, VP motor and temperature control box in Portable Reactor TVS-N2 (Cap-Bolt Seal Method). There are VP motor and temperature control box, so the usual experiment is possible by this system.

Consist of:

- ① Portable Reactor TVS-N2 (Cap-Bolt Seal Method)  
100ml~500ml
- ② Band heater, Thermowell, VP motor, Stirring blade, (2) Valves, Pressure gauge, Safety valve (Rupture type), Stand.
- ③ Spare packings, Tools and Tool box.
- ④ Control box (for temperature, heater & VP motor)

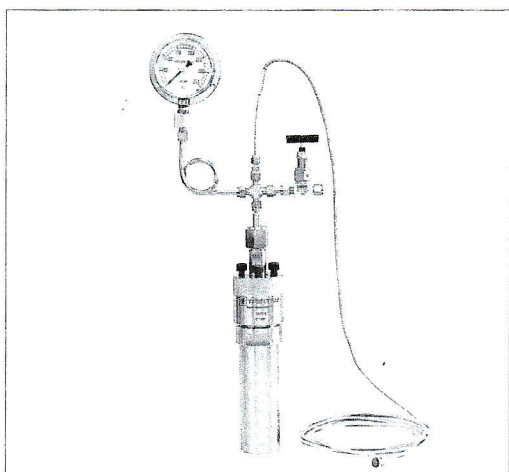
TPR1-VS2-300



● Assembling Code TPR2-VS2-(10~500)

Consist of:

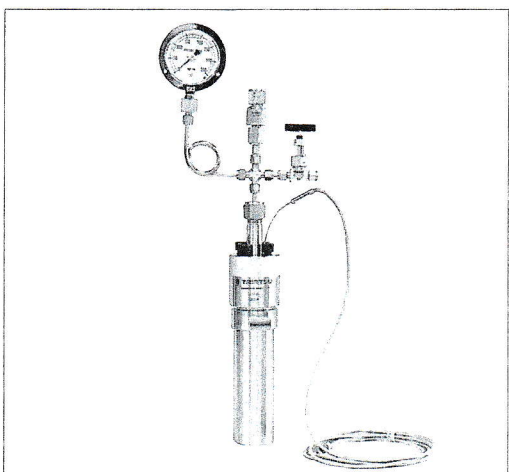
- ① Portable Reactor TVS-N2 10ml~500
- ② Cross joint (Swagelok type)
- ③ Safety valve (Rupture type)
- ④ High temperature/pressure valve
- ⑤ Pressure gauge



● Assembling Code TPR3-VS2-(10~500)

Consist of:

- ① Portable Reactor TVS-N2 10ml~500ml
  - ② Cross joint (Swagelok type)
  - ③ Temperature sensor, Direct connection type
  - ④ High temperature/pressure valve
  - ⑤ Pressure gauge
- ※Temperature sensor is option.



● Assembling Code TPR4-VS2-(120~500)

Consist of:

- ① Portable Reactor TVS-N2 (Cap-Bolt Seal Method)  
120ml~500ml
  - ② Thermowell (Welded from the lid)
  - ③ Cross joint (Swagelok type)
  - ④ Safety valve (Rupture type)
  - ⑤ High temperature/pressure valve
  - ⑥ Pressure gauge
- ※Temperature sensor is option.

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