



## Working pressure up to 150 BAR Rapid automatic flow control

### Application:

- Multiaxis CNC system
- Traditional CNC machine and milling machine
- Cutting machine and traditional lathe machine
- Deep hole processing machine
- Gantry machine
- Water-based cutting fluid
- Oil-based cutting fluid

## Intelligent Inverter CNC High Pressure Center Cooling Unit

The PTK-iM high-pressure central cooling unit not only to provide cooling fluid with demand pressure quickly but also offer user to set pressure via HMI easily. The main feature of the machine has a high efficiency and power saving, fast provide fluid, high stability, simple operation and low maintenance rate.

- PTK-iM is working for both of water and oil base cutting fluid.
- Support varies type of CNC and adopt multi port signal or M code signal for pressure setting and operation.
- Multi outlet port for option, quick response of flow rate for rapid change of cutting tool.
- Compact and modularize design for easy maintenance.
- Quick flow rate control on demand for each cutting tool.



## PTZ-iM Intelligent Inverter CNC High Pressure Center Cooling Unit

### Standard function :

- Single port outlet control valve module.
- Dual filter auto switching and memory
- Low liquid protection.
- Buffer tank auto fluid level control.
- Provide mother machine the ERROR feedback.
- Major system monitoring and protections.
- High pressure pump temperature display and high temperature protection.
- Over pressure protection.
- Digitalized management function.
- Output on demand for better lifetime and energy saving.
- Running hour timer embedded for easy maintenance.

### Feature :

- High revolution HMI
- Buffer tank level gauge
- Emergency stop button
- High pressure gauge
- Control panel with breaker
- Dual filtration with auto switch
- Multi layer of alert signal
- Antivibration enclosed flame
- Bottom fix supporting and moving wheels
- In/out port interface

Model	Pressure (bar / psi)	Flow Rate (lpm / gpm)	Motor (HP / kw)
339-iM	30 bar / 435 psi	32 lpm / 8.5 gpm	3HP / 2.2Kw
373-iM	70 bar / 1450 psi	13 lpm / 3.4 gpm	3HP / 2.2Kw
3152-iM	150 bar / 2175 psi	6 LPM / 1.6 gpm	3HP / 2.2Kw
559-iM	50 bar / 725 psi	32 lpm / 8.5 gpm	5HP / 3.7Kw
5123-iM	115 bar / 1668 psi	13 lpm / 3.4 gpm	5HP / 3.7Kw
5153-iM	150 bar / 2175 psi	11 LPM / 2.9 gpm	5HP / 3.7Kw
5315-iM	30 bar / 435 psi	55 LPM / 14.5 gpm	5HP / 3.7Kw
788-iM	80 bar / 1160 psi	32 lpm / 8.5 gpm	7.5HP / 5.5Kw
7513-iM	50 bar / 725 psi	50 lpm / 13.2 gpm	7.5HP / 5.5Kw
7106-iM	100 bar / 1450 psi	25 LPM / 6.6 gpm	7.5HP / 5.5Kw
9713-iM	70 bar / 1015 psi	50 lpm / 13.2 gpm	10HP / 7.5Kw
9812-iM	80 bar / 1160 psi	43 LPM / 11.5 gpm	10HP / 7.5Kw
9128-iM	120 bar / 1750 psi	28 lpm / 7.5 gpm	10HP / 7.5Kw
Power : AC220V / AC380V / AC440V			

### Option :

- External supply pump for buffer tank level control.
- Connection interface with remote control center.
- Multi outlet port available.
- Fluid level control signal output