

SUPER MINI-REX

Thyristor controlled

MRS series

For Automatic Plating and other types of plating

MRS-PR series

For electro degreasing / chromium plating

■ MRS series feature

1. High-quality and environment-proof

Environment-proof quality has been improved due to introducing a first-rate insulation type thyristor, epoxy-sealed special transformer, and tightly closed up control circuit – one of its key components.

2. Energy-saving type

The MRS series incorporates a large-capacity low-loss multi-diode (500A) and the MRS-PR series incorporates a large-capacity insulation type thyristor (400A) to simplify the internal makeup, resulting in saving energy.

3. Compact, light and space-saving

SanRex unique cooling system produces an extremely light compact product. The front dimension is reduced, therefore requiring less floor area and thus saving space. A unit can be mounted on another unit of the same size (up to 5000A).

4. Complete protection functions

- ♦ The rectifier is protected by either of its built-in circuits; a current-limiting circuit that functions under constant voltage operation or a voltage-limiter circuit that functions under constant current operation.
- ♦ The rectifier has built in abnormal temperature detector in case of fan failure or high heat built up around the heat sink area.

5. Efficient control functions

- ♦ Function for soft start
 - ♦ Function for setting lower limit voltage
 - ♦ Function for setting CV – CC change-over
 - ♦ Function for lower limit of current
 - ♦ Function for setting constant current density
 - ♦ Function for independently setting output voltage and output current (crossover control) optional
- Measures for a connection with an external computer control system are also incorporated.

