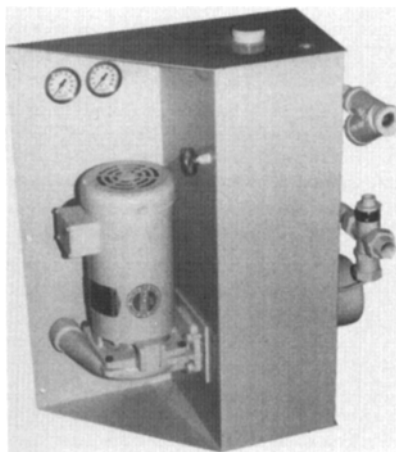


A new, full-color product bulletin on the "Unicool" compact, **closed-loop water cooling and recirculating system** for induction process equipment is available free from **Inductoheat, Inc.**, Madison Heights, Michigan. The bulletin features everything the designer or process engineer needs to design "Unicool" into their induction heat



Inductoheat, Inc.

treating or heating systems. The piece shows this unitized induction heating accessory in full-color. Easy-to-read charts list all necessary design and installation specifications. Circle (79)

For highly effective **stripping of heavy copper deposits** in heat treat operations, **McGean-Rohco, Inc.**, Cleveland, Ohio, introduces the new **Rostrip<sup>®</sup> HTC System**. Rostrip HTC is a two-component, ammoniated immersion metal stripper system. Designed primarily for stripping the copper mask used for stop-off during steel heat treating, it works faster than slow-stripping, cyanide-based strippers—and also enhances the waste treatability of the bath for lower disposal costs. Circle (80)

With a compact heating head separate from the control unit, a versatile **new RF induction heating generator** brings a new measure of convenience to many metal heating jobs. Applications include production- or lab-scale brazing, soldering, hardening, annealing, smelting, tempering, and plasma heating. The unit, available from **SSB Technologies**, Martinsville, New Jersey, is also suited for jewelry manufacture. Unlike all available induction heaters, which make a little heating coil integral to a bulky power supply, the IHF Generator separates the two elements. All that connects the heating head and control unit is a flexible power umbilical. Circle (81)

A low-temperature clean room oven that provides Class 100 or better first-time air has been introduced by **Blue M Electric**, A General Signal Company, Blue Island, Illinois. The bench top Model DCC-256F has a temperature range of 122 to 482 °F

(50 to 250 °C) and a uniformity of plus/minus 1.5 percent of setpoint. The oven is cleaned, assembled, tested and packaged inside the firm's Class 1000 clean room manufacturing facility, then triple-bagged prior to conventional packaging for shipment. These procedures **minimize the customer's expenditure in time and money** for oven commissioning. The oven is equipped with a replaceable HEPA filter that is 99.97% effective in filtering particles as small as 0.3 microns. Its nitrogen supply system reduces moisture content, provides a medium to exhaust contaminants and enhances cleanliness. Heating elements with fast run-up and recovery times speed turn-around time to assist high-volume clean room operations. Circle (82)

A unitized, **flexible radio frequency induction heat treating system** designed for general purpose use is available from **New Welduction Corp.**, Farmington Hills, MI. The Unimat<sup>®</sup> is a compact system ideal for selective brazing, shrink fit and other similar applications. Four tooling options are available for versatile part and production flexibility. It is self-contained and includes a 50kW/200kHz radio frequency, solid state, power supply. The power supply's transistorized circuitry eliminates the need for routine oscillator tube replacement allowing for more production uptime. Circle (83)

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