

Ultra-low temperature freezer with CFC-free refrigerant

Sanyo Electric Biomedical Co. Limited, Japan, is offering an ultra-low temperature freezer based on its proprietary special mixed refrigerant used as a substitute for CFCs. The new cooling system virtually eliminates damage to the earth's environment. Key features of the ultra-low 152°C freezer include specially designed compressor and cascade refrigeration system, microprocessor temperature control, easy-to-read LED digital display, flat keys for simplified start-up and special foamed-in-place polyurethane insulation designed to withstand low temperatures. The alarm and safety devices incorporated feature microprocessor-controlled filter-clogged check function, high-temperature warning alarm (lamp and buzzer), auxiliary back-up system (liquid nitrogen for ATN model, liquid carbon dioxide for AT model) and remote alarm contacts.

Application areas for the new freezer include cancer research (tumour cell preservation), blood or bone marrow preservation, bacteria research (virus preservation), sperm and fertilized ovum preservation (bull, goat, horse, pig, chicken), plant cell preservation (pollen), monoclonal antibody preservation, and superconductivity and electronics experimentation. *Contact: Sanyo Electric Biomedical Co. Limited, 1-1-1, Sakata, Oizumi-machi, Ora-gun, Gunma 370 0596, Japan. Tel: +81 (276) 618 072; Fax: +81 (276) 618 785. (Website: www.haininhco.com)*