a heavy-duty furnace in a general lab?



VERSATILE

Type 1700 furnace is a rugged bench furnace well fitted to heat treating chores. BUT it is so widely useful and adaptable that it answers large-requirement needs in all labs: annealing, ignitions, fusions, drying.

MANY CONTROL OPTIONS

Non-indicating automatic control has proportioning and cold junction compensation. Indicating Capacitrol is automatic, available with or without proportioning for standard 1093C (2000F) or 1177C (2150F) models. Optional manual control.

CONVENIENT DOOR

Lower section only may be opened for inspection. Both doors may be fully opened with ease. Minimized heat loss.

FAST HEATING

Temperature to 760C (1400F) in about 90 minutes; efficient 6 inch insulation.

TWO CHAMBER SIZES

 $9\frac{1}{2}$ " W x $8\frac{1}{2}$ " H x $13\frac{1}{2}$ " or 18" Deep. Accessory shelf doubles chamber capacity. Furnace only prices start at \$375.00.

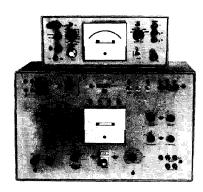


2555 KERPER BLVD. DUBUQUE, IOWA 52001

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New Products



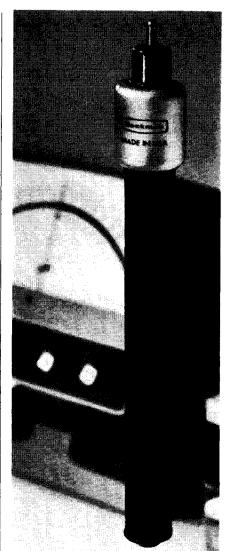
The Electrolab incorporates a unique guidance system which illuminates every switch and control required for each mode of operation. The instrument can be applied to at least 17 electroanalytical techniques. Linear compensation is provided for, as is dynamic IR compensation. The Electrolab supplies up to one ampere at 20 V, controls current over a range of 0.1 microampere to one ampere, and controls potentials over a range of ± 4 V. It can utilize four electrodes at the same time. National Instrument Laboratories, Inc., 12300 Parklawn Dr., Rockville, Md. 20852

Data Acquisition Amplifiers

Series 450 instrumentation amplifiers are designed for general purpose use in the acquisition and conditioning of dvnamic (ac) signals. Both single-ended and differential inputs are standard. Features included in all models are low noise operation, 100 db gain range, 1 db gain steps, 100 kHz bandwidth, 1% gain accuracy, 1% gain stability, and low distortion. Design techniques in the 450 Series eliminate gain switching transients and overload recovery problems which result in very close phase matching between channels. Ithaco Inc., 735 W. Clinton St., Ithaca, N. Y. 14850

Pre-Coated TLC Plates

Exceptional resolution and reproducibility are offered by Type Q1 plates of the S/G Series. Adsorbent and binder are deposited under electronic control such that layer thickness is held to within ±4%. Excellent separation characteristics particularly in low Rf regions, unique reproducibility, fast solvent fronts, and suitability to a wide range of chromogenic reagents are among the features of the Q1 plates. Because of the packaging method used, the need for pre-activating the plates is unnecessary. Quantum Industries, 341 Kaplan Dr., Fairfield, N. J. 418



A new series of electrodes. Ready for immediate use. Long term stability. Fast response.

Beckman introduces the SelectIon™ Electrode

Types available: Solid lon exchanger, for use in detecting and monitoring Calcium ion in the pH range of 2.5 to 11. Solid State Crystal, for detecting anions; Fluoride, Sulfide, Bromide, Chloride and Iodide. Specially Formulated Glass for Sodium ion measurements and for detecting monovalent cations. Write for Data File #8.

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