**technicon**

"LAB-AID" EXPEDITERS
— they speed-up laboratory chores

**technicon paraffin knife**

makes work with paraffin-embedded tissues quick and easy. Great for cutting large blocks into small ones; for mounting blocks on a microtome object disc; for squaring up blocks; for separating ribbons in a water bath . . . Hollow stainless steel handle doesn't heat up — easy to keep knife at the right temperature. When not in use lay knife in saddle rest — Blade UP indicates knife hot; Blade DOWN, knife cold.

**technicon microslide dryer**

delivers slides ready for staining in 7 minutes! Just drop slides, in an Autotechnicon Slide Carrier, into the hatch, flip the switch and close the cover. A steady current of warm, filtered air blowing over the slides carries away all moisture, leaving them bone-dry and dust-free. The filter is replaceable. There's no distortion, either — the warm clean air is well below the melting point of paraffin.

**technicon constant temperature water bath**

insures smooth, even spreading of your tissue ribbons. The water temperature is just right — never too hot or too cold, thermostatically held at any set temperature from 20° to 60° C. There's no melting paraffin to distort tissues — no folds or wrinkles, no bubbles due to frequent water change. Temperature stays constant, day-in, day-out. And it's easy to see your sections against the dull finished black interior of the bath.

---

THE TECHNICON COMPANY
215 East 149th Street, New York 51, N. Y.

Send me literature and prices on

☐ Technicon Paraffin Knife
☐ Technicon Microslide Dryer
☐ Technicon Constant Temperature Water Bath

Name...........................................................................................................

Address.....................................................................................................

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Rapidly increasing recognition of the time and labor saved by the improved Guest-Siler method for rapid, accurate, blood cell volume testing has prompted the introduction of the new International Hemacrit Centrifuge. The new technique involves four rapid steps: 1. Blood sample is taken directly from finger in a heparinized capillary tube. 2. Tube is sealed. 3. Sample is centrifuged 4 or 5 minutes at 11,000 r.p.m. 4. Per cent blood cell volume is read directly by means of a reader or microscope. Results are accurate, the test can be made quickly, only a micro quantity of blood is necessary, and the inexpensive micro-capillary tubes can be used once and discarded, eliminating the cleaning of expensive glassware. See "Journal of Laboratory and Clinical Medicine," Vol. 19, No. 7, April, 1934.

The International Hemacrit Centrifuge is designed specifically to spin 24 of the glass capillary blood tubes at speeds in excess of 11,000 r.p.m. Its many exclusive features make it the centrifuge of choice for this application.

SAFETY — The high-speed rotating head is completely enclosed, insuring protection to the operator.

ACCURACY — The 24 tube slots in the head are individually numbered for easy identification of blood samples.

CONVENIENCE — When the protective dome is opened, the head is completely exposed for ready accessibility. The unique design of the head permits easy removal of the glass tubes.

SPEED — The quiet, dependable universal motor is capable of maintaining a minimum of 11,000 r.p.m. on any 110 volt A.C. or D.C. circuit.

AUTOMATIC — A simple twist of the knob starts the centrifuge on and at the same time sets the running time. Centrifuge shuts off automatically.

BEARINGS — The motor has sealed bearings which are lifetime lubricated and require no attention.

STABILITY — The weighted base insures stability, and rubber suction feet eliminate creeping.

SMOOTH — The rotating head and cover are dynamically balanced to insure quiet, vibrationless performance.

ATTRACTIVE — The centrifuge base is finished in baked glossy gray enamel and the upper portion of the machine and cover is heavily chromium-plated.

490 International HEMACRIT 11,000 r.p.m. Micro-Hematocrit Centrifuge complete with head No. 275 for holding 24 capillary blood tubes, for 110-115 volts, A.C. or D.C. .......... $178.00

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(APRIL 1954)
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Electrothermal Heating Tapes

Heat WHERE You Want It . . . WHEN You Want It!

The tape is simply wound around the body to be heated, and is held in position by glass laces at both ends. A suitable control device such as a "Powerstat" or variable auto-transformer should be used with the tapes.

Electrothermal Heating Tapes consist of one or more fabric bands of resistance wire, separated or bordered by bands of high-temperature-resisting glass fibre yarn. The width and length of the various tapes are carefully determined by the current-carrying capacity of the resistance wire. Temperatures of 400°C and over can be reached inside a glass tube of 2mm wall thickness.

No. 55809 Powerstat, Variable Transformer, for controlling temperature of Heating Tapes. Has input rating of 115V, 50/60 cycles. Maximum output rating 7.5 amps. . . . . . . each $23.00

<table>
<thead>
<tr>
<th>Length in Ft.</th>
<th>Width in inches</th>
<th>Watts at 115V</th>
<th>Amps.</th>
<th>Uninsulated Cat. No. 65090</th>
<th>Insulated 1 side Cat. No. 65090</th>
<th>Insulated both sides Cat. No. 65100</th>
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<td>45.00 &quot;</td>
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</tbody>
</table>

(Average load of the above Heating Tapes is 2½ Watts/Sq. in.)

Three Types Available

1. UNINSULATED—Current-carrying resistance wires are in direct contact with the surface to be heated. It is possible to look through this tape and it is of great value for research work when wound on a transparent surface.

2. INSULATED ON ONE SIDE—This tape is also applied with direct contact between the resistance wire and the surface to be heated . . . but heat losses to atmosphere are greatly reduced by the addition of a layer of knitted glass yarn on one side.

3. INSULATED ON BOTH SIDES—This tape is composed of two insulation layers with current-carrying bands in the center. May be safely wound on metal making it specially suitable for heating steel tubes, valves, nozzles and other conducting surfaces.

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December 26-31, 1954

In time or in cost, a trip from an eastern city to California is not much more than a round trip to a midwestern city. Californians who for years have been attending meetings in the East have told their colleagues that the continental distance is the same each way, and that it should be the turn of the Easterners to visit the Pacific Coast.

The Association is planning ways it may assist those who will attend the 121st AAAS Meeting on the campus of the University of California at Berkeley, this December. The possibilities include:
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3. Arrangements for chartering first class DC6, 6B, or 7 planes of scheduled airlines—at prices comparable with air coach travel.

Note: In the following table of round-trip fares all figures include the new lowered 10% federal tax.

<table>
<thead>
<tr>
<th>ROUND TRIPS TO OAKLAND OR SAN FRANCISCO FROM</th>
<th>Chicago</th>
<th>Washington, D. C.</th>
<th>New York</th>
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<tr>
<td><strong>By Bus</strong></td>
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<tr>
<td>Reclining seat coach</td>
<td>Time: 2½ days</td>
<td>$99.17</td>
<td>Time: 3½ days</td>
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<td>First class</td>
<td>60.06</td>
<td>$204.33</td>
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<td>Lower berth</td>
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<td><strong>Total</strong></td>
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<tr>
<td>Chartered 1st class</td>
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<tr>
<td>(meals included)</td>
<td>$239.91</td>
<td>$312.18</td>
<td>$312.18</td>
</tr>
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</table>

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1515 Massachusetts Avenue, N.W.
Washington 5, D. C.

Name

Address

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1. ☐ Chicago ☐ Washington, D. C. ☐ New York ☐ Other city:
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   ☐ Rail — coach ☐ Rail — 1st class ☐ Air — coach ☐ Air — chartered, 1st class ☐ Bus ☐ Other
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4A
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