Why is this Esterline Angus 24 Point Recorder better than other brands? for 10 good reasons*

<table>
<thead>
<tr>
<th>X's indicate standard features at no extra cost</th>
<th>Esterline Angus</th>
<th>Brands (Names available on request)</th>
</tr>
</thead>
<tbody>
<tr>
<td>List price $1450 or lower</td>
<td>X</td>
<td>A</td>
</tr>
<tr>
<td>Solid state amplifier</td>
<td>X</td>
<td>B</td>
</tr>
<tr>
<td>50,000 ohm off balance input impedance or better</td>
<td>X</td>
<td>C</td>
</tr>
<tr>
<td>Stray rejection: longitudinal 60 cycles AC, 1,000 times span or 120 volts</td>
<td>X</td>
<td>D</td>
</tr>
<tr>
<td>Accuracy ± 1/4% span or ± 3 1/2 microvolts or better</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Manual point advance. Dial in any point without disturbing synchronization</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Permanently sealed slidewire requires no cleaning</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>5 chart speeds</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Choice of 8 print frequencies from 1 1/2 to 60 seconds per point</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Tilt out writing platen and chart tear-off bar</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

*Discover additional reasons for specifying Esterline Angus Multipoint Recorders including optional electrical programmed printing which permits point skipping as fast as 1/4 second. Write for Series "E" Catalog.

Excellence in instrumentation for over 60 years
The Radiometer pHM28 offers high quality, stability and adaptability for future expansion of applications at low cost. With 0.02 pH reproducibility on a large mirrored and folded scale (0-10, 6-14 pH), it can be used for pH measurement, titration or control applications such as redox and dead stop end point titrations (Karl Fischer). Provision is made for connecting external recorders.

A matching control unit (Model TTT11) converts pHM28 to an automatic titrator or pH controller, and electrodes are available for many applications to match the convenient and integral electrode stand.

There are many other features—ask for literature today. PRICE $350.00
What's the best replacement for a Beckman electrode?

Another Beckman electrode.

Only Beckman quality can replace Beckman quality. Substitutes fall short. With every Beckman electrode you get over 30 years of technological development. You get a choice of over 100 different electrodes in stock for immediate shipment. You get superior, more reliable performance from any pH meter for measurements of pH, ORP, or specific ions.

It's easy to order Beckman electrodes. Just call your nearest Beckman Sales Office and order from your comprehensive Beckman Electrode Catalog. To obtain a copy of this catalog, request Data File LpH 266.

Choose a Beckman electrode first...choose one again. You'd be settling for less with any other.

Beckman
INSTRUMENTS, INC.
SCIENTIFIC AND PROCESS INSTRUMENTS DIVISION
FULERTON, CALIFORNIA • 92634

international subsidiaries: geneva; munich; glenbothes, scotland; tokyo; paris; capetown; london

The commission also believes that many highly trained individuals can serve more effectively in a civilian status than in uniform. It does not advocate the blanket deferment of all students, or of all scientists and engineers without regard to their individual effectiveness in their roles.

Langer speaks of a "somewhat unwitting alliance between the student protestors... and the manpower specialists." She says that both groups "have a concept of what amounts to an extended definition of 'alternative service.'" What she neglects to stress is that the SMC is concerned with maintaining the supply of highly trained manpower essential to the nation in both war and peace. This is basic in the SMC's policy, whereas it is a matter of no concern to the "student activists."

Langer says, "The activist students and the Scientific Manpower Commission have another thing in common, and that is their methods." The leadership of Students for a Democratic Society, she then reports, proposed an "overt antidraft campaign" which was vetoed by the members, with the result that "the majority of students will continue trying to avoid the draft by methods that run from simply staying in school, to developing asthma, to hinting darkly about suicidal or homosexual tendencies." Some readers have taken this listing to represent the methods that the student activists and the SMC have "in common." It needs to be made perfectly clear, therefore, that the SMC has never proposed any antidraft campaign, overt or otherwise, and does not approve draft dodging in any form.

Draft dodgers, like citizens who fail to pay their taxes, are asking for the rights of citizenship without assuming its concomitant responsibilities. SMC does advocate a fully informed citizenry; a selective (rather than a lottery) process of choosing men to serve in the armed forces when all males are not needed within specified age groups; and those policies of the Selective Service which recognize that without the consistent addition of highly trained manpower to an army of skilled professionals already at work, the nation's army in uniform cannot function effectively.

Local boards and appeal boards of the Selective Service system must make the final decision regarding how each individual registrant should be asked to serve, but they should not be forced to make this decision with incomplete information; nor should individual registrants be refused opportunity to request further consideration of the action of their local boards when they believe their classification does not implement this policy.

Appeal boards and state advisory boards for scientists, engineers, and other technical personnel have been set up to provide registrants, universities, and employers with an opportunity to appeal a classification. If this machinery is to be effective, every citizen should understand the reason behind the deferment policies; and every registrant should be aware both of his obligations and his rights.

BETTY M. VETTER
Scientific Manpower Commission,
2101 Constitution Avenue, NW,
Washington, D.C. 20418

Junior Astronomy Club

The Schools Lectures at the Royal Institution described by Lawrence Bragg (10 Dec. 1965, p. 1420) are similar in a general way to many excellent out-of-school science activities now well established in the United States, such as the programs for young people at the New York Academy of Sciences, the American Museum of Natural History, Columbia University, and the Franklin Institute, to mention only a few.

For 36 years the Junior Astronomy Club, currently at New York University, has sponsored a monthly lecture series during the academic year, with outstanding speakers from the fields of astronomy, physics, and space sciences. Tickets are distributed to junior high schools in New York City, and admission is free to the general public. The free lecture series is only a part of the club's program, which includes Saturday classes in astronomy, observing sessions, publication of the Junior Astronomy News, and field trips throughout the academic year.

The one unique feature of our club is that its entire program is conceived, organized, and carried out by the members (ages 12 to 20) without adult direction.

GUILFORD H. BARTLETT, JR.
Teachers College,
Columbia University, New York 10027

SCIENCE, VOL. 151
NOW AVAILABLE IN
3 DIFFERENT PRICE RANGES...TRI-CARB®
LIQUID SCINTILLATION
SPECTROMETERS

2000 SERIES New, low price, high quality systems, featuring: • Room temperature operation • One and two channel spectrometers • Semi-automatic and automatic operation • 100 sample capacity • Floor mounted consoles that require no bench space

3000 SERIES Most widely used liquid scintillation counting systems in the world today, featuring: • Controlled temperature operation • Three channel spectrometers • 200 sample capacity • Automatic external standardization • Typewritten data sheets

4000 SERIES The finest large capacity or multiple-user counting systems, featuring: • 15 color-coded sample trays • 360 sample capacity • True electronic computation

You can get prompt delivery of any Tri-Carb Spectrometer. Ask your Packard Sales Engineer for details, or write Packard Instrument Company, Inc., 2200 Warrenville Road, Downers Grove, Illinois 60515.