HUSKY . . . HANDY ELECTRIC FURNACE FOR HEAVY-DUTY LAB WORK





A convenience-keyed, highly dependable furnace for ignition of precipitates, assaying, heat treating of glass and metals, preheating and various heavy-duty lab requirements. Excellent operating characteristics and spacious chamber make it ideal for meeting exacting demands. Wide choice of controls (shown above is Type 1700 with Control Cabinet Assembly featuring the fully automatic Amplitrol controller conveniently mounted).

- 2000° F CONTINUOUS...2150° F INTER-MITTENT
- CHOICE OF 9½" \times 8½" \times 13½" OR 9½" \times 8½" \times 13½" OR 13½" \times 8½" \times 18" CHAMBER SIZE
- TWO-SECTION DOOR...EASY TO OPEN BOTTOM SECTION ONLY OR BOTH SECTIONS AT WILL
- SCIENTIFICALLY POSITIONED INSU-LATION...6" FIREBRICK AND BACK-UP INSULATION
- STRONG STEEL BODY...REINFORCED, WELDED CONSTRUCTION

Price, \$310 to \$382 without controls. Write for descriptive literature and name of nearest dealer.

THERMOLYNE CORPORATION
568 Huff St., Dubuque, Iowa

tribution of valuable property. On a variety of scales, from city versus suburbs to this region of the country versus that region, the children are one place and the money is another. (ii) The property tax is very regressive. According to testimony by the National Education Association in support of federal aid to education, "this tax hits incomes under \$2000 almost three times as hard, percentagewise, as it does the incomes of \$15,000 and over."

I am not pretending that these arguments are original. As Vause says, the views expressed in the editorial are "widely publicized." I am merely suggesting that these views, if well known, have also been well defended.—J.T.

Satellite Orbits

I. I. Shapiro and H. M. Jones, of the Lincoln Laboratories, and R. W. Parkinson, their collaborator, now at Aeronutronics Inc., have raised the question of priority with respect to the publication of calculations on the effect of radiation pressure on satellite orbits.

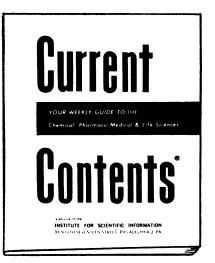
I am more than pleased to put on record the fact that our interest in this subject was stimulated by reports of the work of Shapiro, Parkinson, and Jones, which they subsequently published [Science 131, 920 (1960)]. These reports led me to suggest to Peter Musen of our division that he might undertake an investigation of this same problem. As a result of my suggestion Musen developed an independent theory of the effect of radiation pressure on satellite orbits, which he and his collaborators applied shortly thereafter to the orbit of the Vanguard satellite [Musen, Bryant, and Bailie, Science 131, 935 (1960)], demonstrating that the discrepancy between theory and observation for the Vanguard orbit was removed by the allowance for this effect.

ROBERT JASTROW Theoretical Division, National Aeronautics and Space Administration, Silver Spring, Maryland

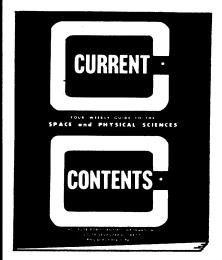
Aims of a Scientists' Association

Theodore C. Kahn's letter of resignation and protest [Science 133, 656 (3 Mar. 1961)] will undoubtedly bring many responses. I think that I am with the majority of members of the AAAS in believing that our association is not

ITIME SAVERS



CURRENT CONTENTS OF CHEMICAL, PHARMACO-MEDICAL & LIFE SCIENCES is a comprehensive weekly service that lists the tables of contents, most of them in advance, of more than 600 primary scientific journals. With this service, the scientist is given a unique, convenient method to scan the title pages of journals of interest to him without physically handling thousands of individual issues per year. Spending about one hour per week, he can easily check off articles of interest. CURRENT CONTENTS also provides, when possible, author addresses so scientists can write to colleagues for reprints. In addition, Original Article Tear Sheets are available.



CURRENT CONTENTS OF SPACE & PHYSICAL SCIENCES enables scientists to keep up with new developments in such fields as missiles and rockets, electronics, mathematics, computers, physics, nuclear energy and instrumentation. This new weekly service comprehensively reports the contents of more than 500 primary journals—over 100,000 individual articles per year. As a special bonus, all basic chemical journals are covered in this edition of CURRENT CONTENTS. Available only to CURRENT CONTENTS subscribers is our exclusive Original Article Tear Sheet service, OATS supplies the principal ingredient in the effective utilization of scientific information—prompt and convenient access to original documents. And cost of OATS is lower than hard-to-read photocopies.

Gratis review copies of the above listed services are available upon request.

INSTITUTE FOR SCIENTIFIC INFORMATION 33 SOUTH SEVENTEEN STREET, PHILADELPHIA 3, PA.

220