

THE LILLY RESEARCH LABORATORIES

Research in Manufacturing Pharmaceuticals and Biologicals

Every step in the manufacture of pharmaceutical and biological products calls for scientific supervision.

Crude vegetable drugs must pass botanical inspection; chemical tests and assays are also needed to make certain that materials used in manufacturing are of the proper identity and quality.

Research work is carried on all the year in the laboratories at Indianapolis and Greenfield, Indiana. During the summer a branch is maintained in the Marine Biological Laboratories, Woods Hole, Massachusetts, for investigations involving marine forms.

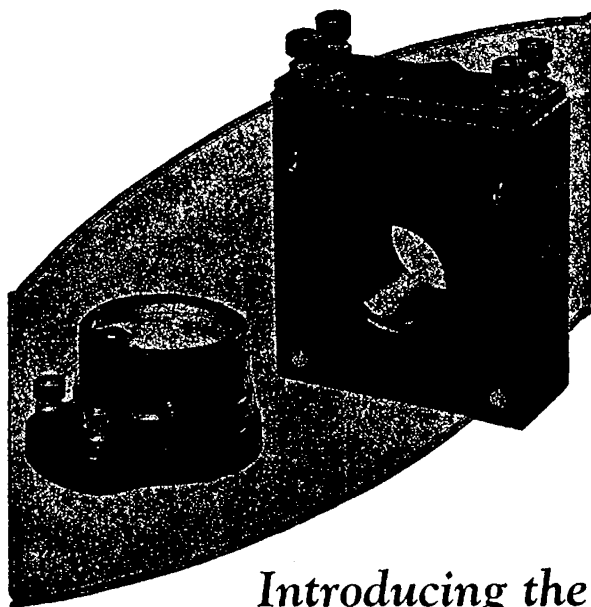
The Lilly Research Laboratories are equipped for work in synthetic chemistry, physiological chemistry, physiology, pharmacology, bacteriology and immunology. On account of experience in industrial chemical research, we are especially prepared to undertake the problems of turning purely scientific discoveries to practical use. Our research staff cooperates with investigators in universities and clinics.

Chemical and physiological assays are necessary to standardize finished products. The manufacture of antitoxins, vaccines and biologicals used in medical practice require the knowledge and skill of those trained in chemical, physiological and bacteriological sciences.

In addition to maintaining a staff for scientific supervision of manufacturing processes, years ago we saw the necessity of organizing a research department for the improvement of established preparations and the development of new medical products. The building pictured above is devoted entirely to scientific work.

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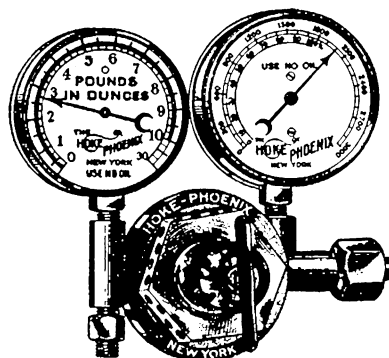
The Model 539 has a one-ampere secondary with a secondary burden of 2 volt-amperes maximum. This transformer, in combination with the Model 528 one-ampere instrument, covers a wide and useful range of current measurements. The transformer has a guaranteed accuracy of 1 per cent on frequencies of 25 to 150 cycles. The self-contained primary ranges are changed by a unique range-changing switch—a noteworthy achievement in design which assures speed and ease of operation.

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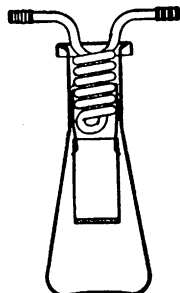
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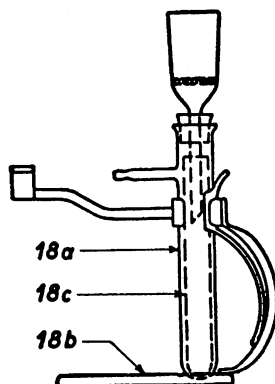
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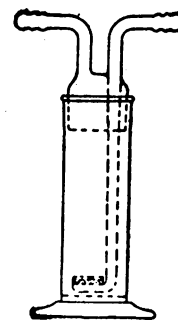


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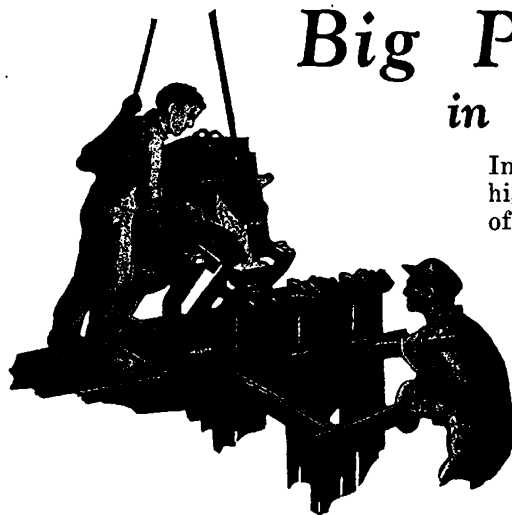


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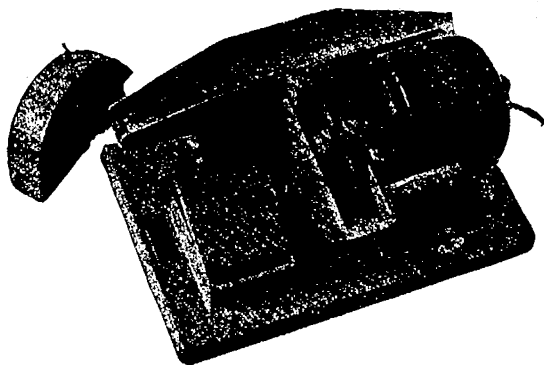
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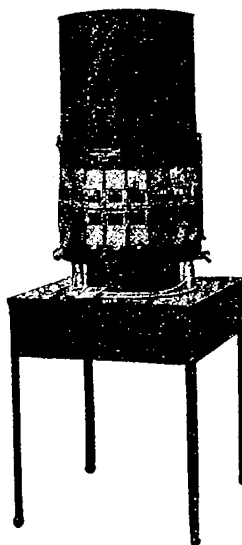
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