

aspect of the metabolism of phospholipids in plants, animals, and bacteria. The transport of phospholipids in the hepatoportal system is a complex subject that is clearly summarized. In addition, there are comprehensive chapters on the chemical and physical properties of phospholipids.

It has long been clear that the phospholipids in biological membranes serve as the primary permeability barrier. Although specific functions for individual lipid classes in membranes have been suggested on many occasions, there is little direct evidence to support these suggestions. Two chapters in this book deal with this issue. One is a comprehensive summary of phospholipids in the nervous system that includes a consideration of their function. The other deals with the metabolism of phospholipids in relation to transport of material across the cell membrane. The concluding chapter should prove particularly valuable because it provides, in tabular form, compositional analyses of the phospholipids of a number of animal tissues. In addition, analyses of the phospholipid composition of subcellular fractions of different tissues from various animals are reported. All the chapters have comprehensive bibliographies, which in some cases contain references as recent as 1972. This book will stand as *the* treatise on phospholipids for some time to come.

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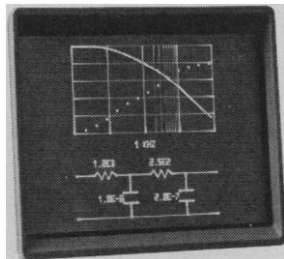
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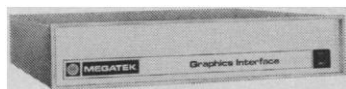
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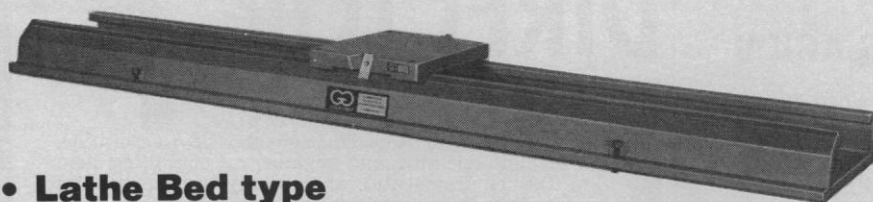


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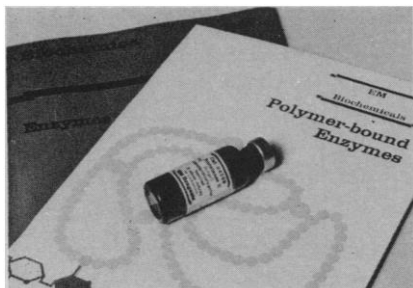
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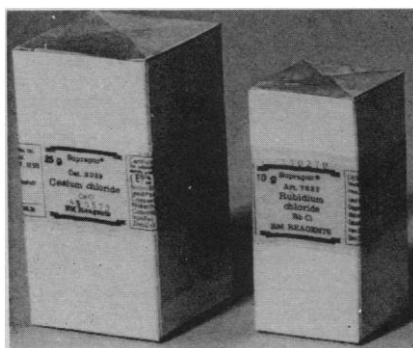
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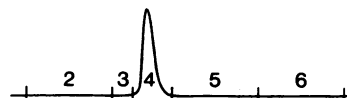
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