

**OZONE. ITS
MANUFACTURE,
PROPERTIES AND USES**

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Ozone. Its Manufacture, Properties and Uses by A. Vosmaer

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"Ozone" in Blue Discharge (Display Sign).

Frontpiece.

OZONE
ITS MANUFACTURE, PROPERTIES
AND USES

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75 ILLUSTRATIONS



NEW YORK
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25 PARK PLACE
1916

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To
Felix Louis Ort
My Friend and Collaborator
This Book is Dedicated

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PREFACE

THE present volume gives the results of the author's investigations and experience with ozone extending over a period of some fifteen years. This experience has often led him to form different opinions from those commonly held on this subject. He has not hesitated to give these opinions frankly, believing that this is the best way to promote progress in a scientific field.

The subject of ozone is one of great variety; it is on the boundary of technics and science, involving chemistry, physics, bacteriology, hygiene, industrial chemistry, electrical and mechanical engineering. This book is intended to be a guide for those interested in the subject of ozone. Descriptions of plants have appeared now and then in different periodicals, and it seemed superfluous to include such material here, therefore we have referred to them only briefly. Our main object was to give a full outline of our personal experience and that same experience has made us very critical about outside information. There are very many publications on Ozone that cannot be classed otherwise than as commercial information and advertising matter. If a reader desires that, he might write to the various companies for pamphlets. The rather lengthy discussion on brush discharge is due to the fact that there are hardly any publications at all on this particular subject, and it may be that within a reasonable time the brush discharge will be used to accomplish many more reactions than just converting oxygen into ozone, its possibilities having been as yet very little investigated, though publications have been given here and there.

A. VOSMAER.

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