

**DRAWING
INSTRUMENTS: THEIR
USE AND ABUSE**

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Drawing Instruments: Their Use and Abuse by Walter G. Stephan

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WALTER G. STEPHAN, M. E.

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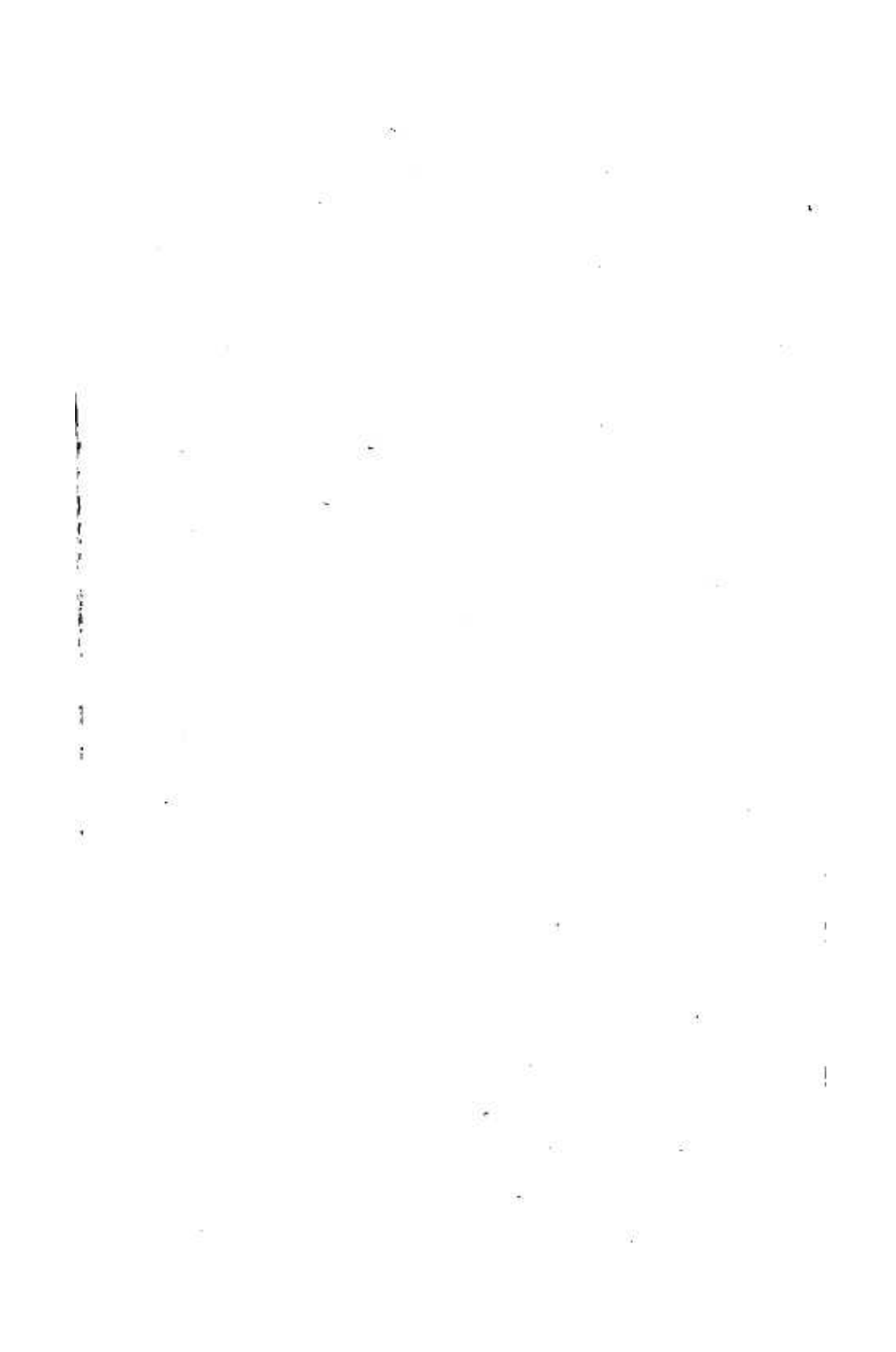
PREFACE.

I wish to acknowledge my indebtedness to Dr. F. M. Comstock of Case School of Applied Science for kindly assistance in compiling this treatise. In gathering together the information contained herein I have consulted several authors, and in some cases have quoted directly from their work.

I wish also to acknowledge my indebtedness to the Keuffel & Esser Co. for furnishing many of the illustrations. If this treatise should prove to be of any assistance to the coming generation of engineers, or if it should meet with favor among teachers of drawing, whose labor it is intended to lessen, the writer will feel well repaid for his efforts in behalf of a better understanding of the use of drawing instruments.

W. G. S.

CLEVELAND, O., JANUARY, 1908.



CONTENTS.

Introduction.....	1
How to Purchase Drawing Instruments.....	7
The Drawing Board.....	16
Drawing Paper.....	18
The T-square and Straight Edge.....	23
The Triangle.....	27
Scales.....	31
The Protractor.....	37
The Universal Drafting Machine.....	40
The Compass.....	51
The Divider.....	56
The Ruling Pen.....	58
Bow Spring Instruments.....	64
Penciling.....	67
India Ink.....	70
Inking.....	72
The Beam Compass.....	76
Irregular Curves.....	79
The Slide Rule.....	83
Boucher's Calculator.....	84
The Proportional Divider.....	87
The Section Liner.....	89
The Elliptic Trammel or Elliptograph.....	90
The Pantograph.....	92
The Planimeter.....	93
Drawing Tables.....	95
The Plane Table.....	98
Blue Prints, Brown Prints, etc.....	100
Drafting Room Practice.....	104

