

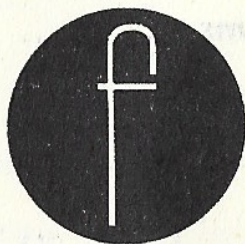
EXAKTA 35 mm. GUIDE

HOW TO USE THE
EXAKTA I, II, V, VX (VAREX) AND IIa

ALSO THE EXA I AND II

By W. D. EMANUEL

Second Edition



THE FOCAL PRESS

London and New York

CONTENTS

	Page
CRITIQUE OF THE EXAKTA	4
THE 35 mm. EXAKTA MODELS	9
HANDLING THE EXAKTA	16
Loading	16
Carrying	20
Viewing	21
Holding	25
Shooting	28
Unloading	32
Unloading without Rewinding	34
Changing Partly-Exposed Film	34
Cutting Off Exposed Film Parts	35
EXAKTA FILMS	36
Safelight	36
Handling, Winding and Trimming the Film	36
<i>Length of Film Required for Any Number of Exposures</i>	38
Loading Cassettes	39
Cassettes with Bulk Film or Darkroom Refills	39
Cassettes with Daylight Refills	40
The Choice of Black-and-White Material	40
<i>35 mm. Black-and-White Films</i>	42
<i>Conversion of Film Speed Systems</i>	43
Colour Film	44
<i>35 mm. Colour Films</i>	45
EXAKTA LENSES	47
Setting and Changing Lenses	47
The Choice of Lenses	48
Standard Lenses	65
Wide-angle Lenses	66
Long-focus Lenses	66
<i>Exakta Lenses Compared</i>	68

	Page
THE TECHNIQUE OF FOCUS	70
Depth of Field	70
Control of Depth of Field	72
Limits of Depth of Field	73
The Hyperfocal Distance	74
Safety-zone Focusing	74
Hyperfocal Distance and Depth of Field Tables	75
<i>Hyperfocal Distance</i>	75
<i>Depth of Field for Standard Lenses</i>	76
<i>Depth of Field for Wide-angle Lenses</i>	77
<i>Depth of Field for Long-focus Lenses</i>	78-81
THE TECHNIQUE OF EXPOSURE	82
<i>Exposure Table for Daylight</i>	83
Exposure Meter Attachment	84
Using an Exposure Meter	84
THE TECHNIQUE OF TONE	88
The Use of Filters... ..	88
<i>Filter Factors</i>	89
Polarizing Filter	90
CLOSE-UP WORK	91
Supplementary Lenses	91
<i>Close-up Focusing Table for Supplementary Lenses</i>	92
Extension Tubes	92
<i>Close-up Focusing Table for Extension Tubes</i>	94
FLASH WITH THE EXAKTA	95
How to Use Flash	95
<i>Flash Exposures</i>	96
EXAKTA ACCESSORIES	97
CONVERSION OF FEET AND INCHES INTO METRIC UNITS	101
SHUTTER SPEEDS TO ARREST MOVEMENT	102
HOW TO...; WHAT IS WHERE?	103