

# Table of Contents.

Preface . . . . .	i
Introduction . . . . .	1
CHAPTER 1 <b>History of the Slide Rule.</b> . . . . .	6
Pre Slide Rule Calculation. . . . .	6
The Slide Rule. . . . .	11
Reinventions . . . . .	16
CHAPTER 2 <b>Descriptions and Definitions</b> . . . . .	18
Linear Slide Rule . . . . .	18
Circular Slide Rule . . . . .	20
Long Scale Slide Rule . . . . .	20
Special Features . . . . .	23
Cursors . . . . .	24
Packaging and Presentation . . . . .	29
CHAPTER 3 <b>Slide Rule Types 1620 - 1850.</b> . . . . .	31
CHAPTER 4 <b>Instrument Makers 1620 - 1850</b> . . . . .	43
CHAPTER 5 <b>Slide Rule Types 1850 - 1998</b> . . . . .	90
Linear Slide Rules . . . . .	95
Standard Linear Slide Rules . . . . .	97
Log-log Slide Rules . . . . .	100
Circular Slide Rules . . . . .	102
Multi-disc/Multi-cursor Circular Rules . . . . .	103
Long Scale Disc Calculators . . . . .	105
Watch Type Calculators . . . . .	107
Long Scale Slide Rules . . . . .	112
Tubular Slide Rules . . . . .	112
Grid-iron Slide Rules . . . . .	114
Specific Function Slide Rules . . . . .	118
CHAPTER 6 <b>Slide Rule Manufacturers 1850 - 1998</b> . . . . .	127
APPENDIX 1 <b>Glossary and Biographies</b> . . . . .	242
APPENDIX 2 <b>Key Dates in the History of Slide Rules</b> . . . . .	250
APPENDIX 3 <b>Bibliography</b> . . . . .	256
APPENDIX 4 <b>Patents</b> . . . . .	270
APPENDIX 5 <b>Slide Rule Scales &amp; Gauge Marks</b> . . . . .	285
APPENDIX 6 <b>Dating and Valuing</b> . . . . .	290
APPENDIX 7 <b>Care of Slide Rules</b> . . . . .	293
APPENDIX 8 <b>Historical Context</b> . . . . .	296
INDEX	299