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## CONTENTS OF VOLUME I

	PAGE
THE MEASUREMENT OF TRUE HEIGHT BY ANEROID. By L. N. G. Filon, M.A., D.Sc., F.R.S.	1
TWO NEW METHODS OF MEASURING THE INTERNAL DIAMETERS OF TRANSPARENT TUBES. By John S. Anderson, M.A., Ph.D., D.Sc., and Guy Barr, B.A., D.Sc.	9
ON AN IMPROVED TEMPERATURE CONTROL FOR THE PULFRICH REFRACTOMETER. By T. M. Lowry, D.Sc., F.R.S., and R. G. Parker, B.Sc.	16
A NEW RELAY AND ITS APPLICATION TO SUSTAINING PENDULUM VIBRATIONS. By H. A. Thomas, M.Sc.	22
A GENERAL-PURPOSE RECORDING DRUM. By C. V. Boys, F.R.S.	26
THE CHAIN BALANCE. By Professor Sir Flinders Petrie, D.C.L., LL.D., F.R.S.	29
A NEW RECORDING KATA-THERMOMETER. By E. H. J. Schuster, D.Sc.	30
A MONOCHROMATOR FOR THE ULTRA-VIOLET, VISIBLE, AND NEAR INFRA-RED SPECTRUM. By R. T. Beatty, M.A., B.E., D.Sc.	33
MEASUREMENT OF AIR SPEED IN AEROPLANES. By Major C. J. Stewart, O.B.E., M.I.M.E., M.I.A.E.	43
A SIMPLIFIED DESIGN FOR A MERCURY VAPOUR PUMP. By H. P. Waran, M.A., Ph.D., D.Sc., F.Inst.P.	51
A SELF-EXHAUSTING MERCURY VAPOUR LAMP. By H. P. Waran, M.A., Ph.D., D.Sc., F.Inst.P.	54
A DEVICE FOR MEASURING VERY SMALL CURRENTS. By the Research Staff of the General Electric Co., Ltd.	56
FITTING PROBABILITY AND OTHER CURVES TO GRAPHS OF OBSERVATIONS. By A. P. Trotter	60
THE DESIGN OF A PRISMATIC ASTROLABE. By Instructor-Commander T. Y. Baker, B.A., F.Inst.P., R.N.	65
THE MEASUREMENT OF PHOTOGRAPHIC DENSITY. By A. J. Bull, M.Sc., and H. Mills Cartwright.	74
CAPILLARY TUBE VISCOMETERS. By Guy Barr, B.A., D.Sc.	81, 111
THE BUTYRO AND IMMERSION REFRACTOMETERS. By J. W. Perry and C. C. Roberts, M.A., F.I.C.	87
AN INSTRUMENT FOR DIRECT DETERMINATION OF THE VOLTAGE TO OPERATE A LAMP AT GIVEN EFFICIENCY. By the Research Staff of the General Electric Co., Ltd. Work conducted by H. W. B. Gardiner	90
A TOTAL-IMMERSION INDICATING HYDROMETER. By Professor Alan Pollard, A.R.C.S., A.M.I.E.E., F.Inst.P.	97, 129
A SIMPLE VISCOMETER FOR GASES. By Professor A. O. Rankine, D.Sc.	105
THE "ELVERSON OSCILLOSCOPE." By A. J. H. Elverson	116
A METHOD OF CALIBRATION FOR SINGLE LEVER TESTING MACHINES. By C. Jakeman.	120
THE ACKERMANN AUTOGRAPHIC APPARATUS FOR MEASURING AND RECORDING THE MOVE- MENTS OF A PILE WHILE SUBJECT TO THE BLOW OF A HAMMER. By A. S. E. Ackermann, B.Sc. (Eng.), M.Cons.E., A.M.I.C.E.	123

	PAGE
A RADIUM BALANCE. By L. H. Clark, M.Sc. . . . .	137
AN IRON-MERCURY CALORIMETER. By F. H. Schofield, B.A., B.Sc. . . . .	141
THE R.A.E. BUBBLE SEXTANT, MARK VI. By L. B. Booth, M.A. . . . .	145
MODERN METHODS OF MICROSCOPE ILLUMINATION. By Conrad Beck, C.B.E.	
I. HIGH POWER DARK GROUND ILLUMINATION . . . . .	148
II. HIGH POWER OPAQUE ILLUMINATION . . . . .	238
III. HIGH POWER TRANSPARENT ILLUMINATION . . . . .	314
EXHIBITIONS OF SCIENTIFIC APPARATUS:	
I. EXPOSITION DE PHYSIQUE ET DE T. S. F. . . . .	150
II. EXHIBITION HELD BY THE PHYSICAL SOCIETY OF LONDON AND THE OPTICAL SOCIETY. . . . .	156
THE PHONIC CHRONOMETER. By A. B. Wood, D.Sc., F.Inst.P., and J. M. Ford . . . . .	161
THE APPLICATION OF THE NEON LAMP TO THE COMPARISON OF CAPACITIES AND HIGH RESISTANCES. By J. Taylor, B.Sc., and W. Clarkson, B.Sc. . . . .	173
A NEW FLICKER PHOTOMETER FOR HETEROCHROMATIC PHOTOMETRY. By J. Guild, A.R.C.Sc., F.Inst.P., F.R.A.S. . . . .	182
A DIRECT-READING PYROMETER OF THE DISAPPEARING-FILAMENT TYPE. By F. H. Schofield, B.A., B.Sc., and D. C. Gall . . . . .	
A SENSITIVE OPTICAL LEVER METHOD FOR MEASURING THE THERMAL EXPANSION OF SMALL SPECIMENS. By J. Guild, A.R.C.Sc., F.Inst.P., F.R.A.S. . . . .	198
"RADIUM" RECORDING DEVICES. By J. H. Powell, M.Sc., F.Inst.P. . . . .	
A MODIFICATION OF THE NODAL SLIDE. By T. Smith, M.A., F.Inst.P. . . . .	
A PORTABLE INSTRUMENT FOR THE DIRECT MEASUREMENT OF DAYLIGHT FACTOR. By A. K. Taylor, A.C.G.I., M.I.E.E., A.M.I.C.E. . . . .	214
SOME USES OF THE THREAD RECORDER IN THE MEASUREMENT OF PHYSICAL PROPERTIES. By John L. Houghton, D.Sc., F.Inst.P., and W. T. Griffiths, M.Sc., A.I.C., A.Inst.P. . . . .	225
A PORTABLE MAGNETOMETER. By J. H. Shaxby, B.Sc., F.Inst.P. . . . .	234
A CAPILLARY MERCURY LAMP. By J. H. Vincent, M.A., D.Sc., and G. D. Biggs . . . . .	
ELECTRICAL REGISTRATION OF HEIGHT OF WATER AT ANY TIME IN TIDAL PREDICTION. By J. de Graaff Hunter, M.A., Sc.D., F.Inst.P. . . . .	
NOTE ON TUNING-FORKS. By C. C. Mason, O.B.E., M.A. . . . .	250
THEORY OF THE ADJUSTMENT OF LEVELS. By T. F. Connolly, M.Sc., F.Inst.P. . . . .	257, 289
THE MEASUREMENT OF SMALL RATES OF HEAT-PRODUCTION BY THERMOPILE AND GALVANOMETER. By W. Hartree, M.A. . . . .	265
AN INSTRUMENT FOR WORKSHOP TESTS OF CURRENT TRANSFORMERS. By R. S. J. Spilsbury, B.Sc., A.C.G.I. . . . .	273
THE METROCLINE. By Messrs C. F. Casella and Co., Ltd. . . . .	279
A SMALL PEAK VOLTMETER AND AN APPLICATION. By A. C. Bartlett . . . . .	281
THE LUMMER-GEHRCKE PARALLEL PLATE INTERFEROMETER. By F. Simeon, B.Sc., F.Inst.P. . . . .	296
NOTE ON THE CAPACITIES OF SMALL AIR CONDENSERS. By L. Hartshorn, A.R.C.S., B.Sc., D.I.C. . . . .	305

CONTENTS OF VOLUME I

vii

	PAGE
THE MEASUREMENT OF TEMPERATURE IN A ROTATING ARMATURE BY MEANS OF THERMO-COUPLES. By B. G. Churcher . . . . .	310
BRITISH EMPIRE EXHIBITION, 1924: ROYAL SOCIETY EXHIBITION OF PURE SCIENCE, LIST OF EXHIBITS . . . . .	316
SOME INSTRUMENTS FOR DETECTING INFRA-RED RADIATION. By D. S. Perfect, M.A. . . . .	321, 353
ELECTRICALLY-MAINTAINED TUNING-FORKS. SOME FACTORS AFFECTING FREQUENCY. By A. B. Wood, D.Sc., F.Inst.P. . . . .	330
NOTE ON ELECTRICALLY-MAINTAINED TUNING-FORKS. By D. W. Dye, B.Sc. . . . .	340
A STANDARD BAROMETER OF NEW DESIGN. By Professor T. H. Laby, M.A., Sc.D., F.Inst.P. . . . .	342
A CONVENIENT PHOTO-ELECTRIC PHOTOMETER AND DENSITOMETER. By E. A. Baker, B.Sc. . . . .	345
A NEW SELENIUM CELL DENSITY METER. By F. C. Toy, D.Sc., F.Inst.P., and S. O. Rawling, M.Sc., A.I.C. . . . .	362
A TELESCOPE SUPPORT. By C. V. Boys, F.R.S. . . . .	366
THE PREPARATION AND SILVERING OF QUARTZ FIBRES. By T. C. Keeley, M.A. . . . .	369 <sup>x</sup>
AN APPARATUS FOR INVESTIGATING CERTAIN TYPES OF FLUID MOTION. By Professor E. N. da C. Andrade, D.Sc., Ph.D., and J. W. Lewis, B.Sc., A.Inst.P. . . . .	373
CORRESPONDENCE . . . . .	64, 160, 221, 252, 350
LABORATORY AND WORKSHOP NOTES . . . . .	62, 124, 219, 348
MISCELLANEA . . . . .	31, 127, 349
NOTICES . . . . .	64, 96, 192, 256
PUBLICATIONS RECEIVED . . . . .	64, 128, 192, 256, 288, 379
REVIEWS . . . . .	32, 94, 127, 190, 254, 284, 319, 352, 377
INDEX TO VOLUME I . . . . .	380

# JOURNAL OF SCIENTIFIC INSTRUMENTS

## FOREWORD

It has long been recognised by many workers that a journal dealing with methods of measurement and the theory, construction and use of instruments would have a great value as an aid to research in all branches of science and industry. There is at present no publication in the English language which covers this ground. Descriptions of instruments and methods of measurement are given in journals devoted to particular branches of science; but in such publications results are of primary importance and little space can be afforded to descriptions and detailed drawings of instruments. It frequently happens that instrumental methods are valuable for researches of quite a different character from that for which they were developed, and workers who may be interested in apparatus as distinct from results obtained may never see the publication in question, even if they know of its existence.

It is proposed that a journal on the lines suggested shall be produced by the Institute of Physics, which will ensure that the management shall be absolutely independent. It will be managed by a Finance Committee appointed by the Institute, on which the Department of Scientific and Industrial Research and the National Physical Laboratory will be represented. The editorial work will be done at the National Physical Laboratory, assisted by a scientific Advisory Committee appointed by the Institute of Physics.

The expenses of the Journal will necessarily be considerable, as a high standard must be established and maintained, and it is doubtful whether receipts will cover expenditure, at any rate to begin with. Neither the Institute of Physics nor the Department of Scientific and Industrial Research has funds available to meet a deficit. Steps are being taken to raise a guarantee fund for the purpose.

Before it can be finally decided to publish the journal, it will be necessary to have some indication as to its probable circulation, and readers of this number are asked to notify their intention to subscribe on the accompanying form. It is proposed that the journal be issued monthly and be similar in style to this preliminary number. The price will be 2s. 6d. (postage 2d. extra), or 30s. a year, post free.

It is estimated that with a circulation of about 1000 there will be a deficit of some £2000 per annum, while a circulation of about 3000 will render the journal self-supporting.

Further particulars of the proposal are given later, together with specimen articles and a list of writers who have already expressed their willingness to contribute to the journal.

J. J. THOMSON,  
President, Institute of Physics.