# The Journal of Laryngology and Otology

EDITED BY

## WALTER HOWARTH

WITH THE ASSISTANCE OF

G. H. BATEMAN R. G. MACBETH V. E. NEGUS R. SCOTT STEVENSON J. F. SIMPSON

## Contents

London

## Headley Brothers

MISCELLANEOUS

109 Kingsway, W.C.2

Monthly, 7/6 net post free

THE EAR

GENERAL NOTES

Annual Subscriptions £3/3/0 net

# The Journal of Laryngology and Otology

(Founded in 1887 by Morell Mackenzie and Norris Wolfenden)

## EDITED BY WALTER HOWARTH

WITH THE ASSISTANCE OF

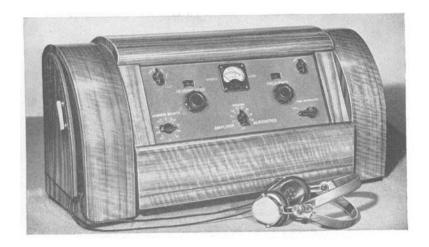
G. H. BATEMAN R. G. MACBETH V. E. NEGUS R. SCOTT STEVENSON J. F. SIMPSON

- 1. Original Articles are accepted on the condition that they have not been published elsewhere.
- 2. Manuscripts should be typewritten, on one side only of the paper, and well spaced.
- 3. Galley proofs and engraver's proofs of illustrations are sent to the author. Corrections, which should be kept to a minimum, must be clearly marked, and no additional matter added.
- 4. Blocks illustrating articles are normally paid for by the *Journal*. Authors may, however, be required at the Editor's discretion, to contribute towards the cost of these in cases where this is particularly heavy.
- Orders for reprints should be sent when returning galley proofs, and for this purpose special forms are supplied.
- 6. Authors of original communications on Oto-Laryngology in other journals are invited to send a copy, or two reprints, to the Journal of Laryngology. If they are willing, at the same time, to submit their own abstract (in English, French, Italian, or German) it will be welcomed.
- 7. Editorial communications may be addressed to The Editor, Journal of Laryngology, c/o Headley Brothers, 109 Kingsway, London, W.G.2.
- 8. The annual subscription is three guineas sterling, post free, and is payable in advance.
- 9. Single copies will be on sale at 7s. 6d. each; copies of parts up to Vol. LXIII may be purchased at 4s. each.
- 10. All subscriptions, advertising and business communications should be sent to the publishers, Headley Brothers, 109 Kingsway, London, W.C.2.

#### United States of America

Orders for this Journal may be sent either through a local bookseller, or to Messrs. G. E. Stechert & Co., 31-33 East 10th Street, New York, or they may be sent direct to the publishers, Headley Brothers, 109 Kingsway, London, W.C.2, England.

## THE AMPLIVOX AUDIOMETER



## The Basic Instrument of Modern Otology

#### NEW TESTS NOW POSSIBLE

Speech-loss measurement in decibels now obtainable through dynamic microphone and speech input meter.

Loudness balance control gives measurement of the recruitment factor.

Input for group-test equipment and gramophone.

## CONSISTENT ACCURACY OF RESULTS

Eleven exact test frequencies 125-12,000 c.p.s.

Voltage compensation ensures that signal intensity does not vary should mains voltage do so.

#### CALIBRATED MASKING TONE

Masking intensity varies equally with normal hearing acuity over range 125-4,000 c.p.s., permitting accurate masking control. Calibrated in decibels.

#### SIMPLICITY OF OPERATION

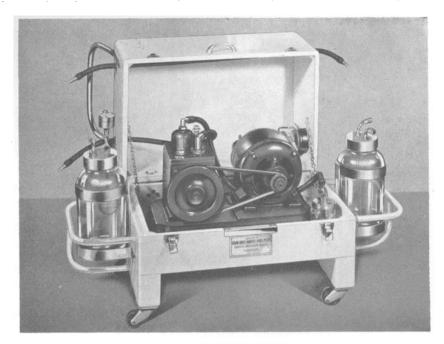
Twin matched headphones (on double headband) for all air conduction tests; bone conductor on single headband, or interchangeable with one 'phone.

Hearing Loss dial calibrated in 5 dB steps from minus 10 dB to plus 100 dB.

Same figures on dial are read for air and bone conduction, and for all frequencies.

Full details are available from the manufacturer, who will gladly arrange demonstrations, if required.

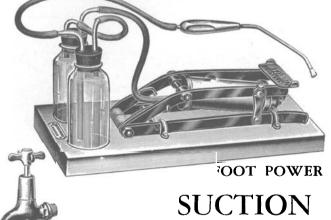
AMPLIVOX LTD., 2 BENTINCK ST., LONDON, W.I. (Welbeck 2591)



## **ELECTRIC**

"Stand by" Foot Model, in case of electric supply failure. £3 3s. 0d.

> (Pump and Bottles) Suction Tube extra)



SUCTION APPARATUS

Or WATER

Particulars on application

## DOWN BROS. & MAYER & PHELPS Ltd.

Showrooms: 32/34 NEW CAVENDISH ST., LONDON, W.1 Telephone: WELBECK 3764

DOWN BROS. AND MAYER & PHELPS HAVE AMALGAMATED. THE PERSONAL MANAGEMENTS REMAIN AS HERETOFORE.

## PRESCRIBE THE EASY EFFECTIVE METHOD

When spraying, the patient can hold his head in a natural position, yet the solution spreads throughout the nasal cavity, assuring thorough treatment. Effective dropper-application, on the other hand, requires a complicated posture technique which patients are apt to neglect in home treatment.





# **DeVilbiss**ATOMIZERS

ATOMIZER?

These illustrations, which are based on X-ray research, clearly demonstrate the advantages of the atomizer as compared with the dropper The AEROGRAPH Co., Ltd., Lower Sydenham, London, S.E.26 Sole Distributors of DeVilbiss Products in the United Kingdom.

Telephones: Sydenham 6060—8 Lines.

CVS--225

## For Personal Protection



The pleasant, unobtrusive aroma of Vapex, its efficacy in the relief of the common cold and as a prophylactic, make it particularly suitable for personal use by the medical profession.

#### INHALANT

#### INHALER

#### VOLATOL

A drop on the handkerchief or on the end of the pillow. Convenient and unobtrusive for use during the day. May be easily recharged.

For topical application in chest colds. Non-greasy and does not stain.

THOMAS KERFOOT & Co. Ltd., Vale of Bardsley, Lancashire.

4560



## THE SD/2 AUDIOMETER

THIS instrument offers not only great accuracy but incorporates some unique features, which allow a most comprehensive range of tests to be made and ensures a constant result under all conditions of voltage and valve life.

It includes among many facilities an automatic interruptor circuit, as well as a continuous tone: twin matched earphones allowing the test and masking tones to be switched to either ear, while a balance control enables the response of each ear to be matched simultaneously.

A built-in crystal microphone and amplifier give excellent speech reproduction and allow speech level tests to be made, while the built-in meter and cathode ray tube ensure continuing accuracy of frequency and output.

Our Peepshow for testing young deaf children may be used with this Audiometer.

# ALFRED PETERS & SONS LTD. FARGATE HOUSE · SHEFFIELD 1



## THE S.D. PORTABLE AUDIOMETER A.C./D.C.

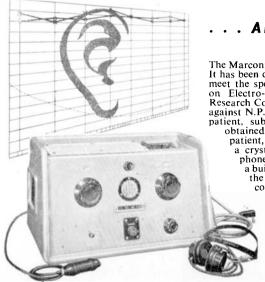
THIS genuinely portable Audiometer, built into a strong carrying case, offers great accuracy combined with convenience in use.

It incorporates an extremely stable beat frequency oscillator giving a continuous range of frequency, and a built-in valve voltmeter not only allows accurate zero setting of frequency but ensures a constant result whatever the conditions of voltage or of valve life.

A crystal microphone and amplifier give excellent speech reproduction and in addition enable speech level tests to be made. A masking note of mixed low frequency and a manual mute are also provided.

Our Peepshow for testing the hearing of young children can be used with this Audiometer.

## ALFRED PETERS & SONS LTD. FARGATE HOUSE · SHEFFIELD 1



ST. ALBANS, HERTS.

#### AID TO AUDIOMETRY

The Marconi Pure Tone Audiometer is now available. It has been developed for the Ministry of Supply to meet the specification proposed by the Committee on Electro-Acoustics appointed by the Medical Research Council. Each instrument is standardised against N.P.L. determinations so that, from a given against N.P.L. determinations so that, from a given patient, substantially comparable results can be obtained with any Marconi Audiometer. The patient, who can be orally instructed through a crystal microphone and high fidelity earphones, communicates with the operator via a built-in signal lamp. The sound output over the normal hearing range is automatically corrected for characteristic losses.

corrected for characteristic losses.

THE PURE TONE

## Audiometer

Type TF 895



For full particulars of this efficient aid to audiometry please write:

MARCONI INSTRUMENTS LIMITED

· Telephone: St. Albans 6161/5 Northern Office: 30 Albion Street, Hull. Western Office: 76 Portview Road, Avonmouth. Midland Office: 19 The Parade, Leamington Spa. Southern Office and Showrooms: 109 Eaton Square, London, S.W.1

## BINDING

## Journal of Laryngology & Otology

Subscribers wishing to have their Journals bound can do so by sending them to the Publishers.

Volumes are strongly bound in whole dark blue buckram cases, with gold lettering on spine. The cost of binding is 17s. 6d. per volume, including postage.

Some missing parts can be supplied at 7s. 6d. each, or the whole volume, complete in the above binding, for 80s.

Publishers' cases can be supplied for 5s.

HEADLEY BROTHERS, 100 KINGSWAY, LONDON, W.C.2

### CONTENTS

	PAGE
SIR FELIX SEMON, 1849-1921. R. Scott Stevenson (London) .	53
A Branchial Fistula Terminating in a Tubulo-Dermoid Cyst Lying Posterior to the Tonsil. N. W. Gill (London)	62
BLAST HYPERÆMIA OF THE TYMPANIC MEMBRANE. F. Boyes Korkis (London)	70
Clinical Record—	
Bacillus Proteus Mastoiditis with Recovery. L. R. S. Taylor (London)	82
FOURTH INTERNATIONAL CONGRESS OF OTOLARYNGOLOGY	85
Societies' Proceedings—	
Royal Society of Medicine—Section of Laryngology	91
Abstracts—	
Ear	97
Penicillin in Chronic Otitis Media. Walter J. Aagesen; Irradiation Treatment of Fenestration and Radical Mastoidectomy Cavities, G. O'Neil Proud and Theodore E. Walsh; The Effectiveness of Dramamine in Relieving the Vestibular Reactions following the Labyrinthine Fenestration Operation. Edward. H. Campbell.	<i>,</i>
Miscellaneous	98
Streptomycin in Tuberculosis. M. Aronovitch and N. Lewin; The Treatment of Cerebellar Abscess. G. Decroix; A Study of Ciliary Activity in the Respiratory Tract of Animals. John Jacob Ballenger.	
General Notes	100

## An Indispensable Book for the Laryngologist

### THE COMPARATIVE ANATOMY AND PHYSIOLOGY OF THE LARYNX

by V. E. NEGUS, M.S., F.R.C.S.

(Author of "Mechanism of The Larynx")

Contents: EVOLUTION OF THE LARYNX—MODIFICATIONS FOR OLFACTION—MODIFICATION FOR RESPIRATION—SPECIALIZED MECHANISMS OF RESPIRATION—FUNCTION OF MOVEMENTS AT GLOTTIS DURING RESPIRATION—MODIFICATIONS FOR DEGLUTITION—REGULATION OF INTRATHORACIC PRESSURE—THE PURPOSIVE USE OF SOUND IN RELATION TO THE SENSE OF HEARING—EMPLOYMENT OF SOUND AS A MEANS OF COMMUNICATION—THE MECHANISM OF PHONATION—THE ANATOMY OF THE HUMAN LARYNX

 $9\frac{3}{4}$  in. x  $7\frac{1}{8}$  in. 204 pages. 190 illus.

WM. HEINEMANN · MEDICAL BOOKS · LTD. 99 GREAT RUSSELL ST. · LONDON · W.C.1