

MAICO ERO•SCAN™ Pro

Handheld OAE-Tympanometry Combination System



- OAE and Tympanometry are completed in as little as 20 seconds
- 226 Hz and 1000 Hz Tymp probe tone
- Upgradable to advanced diagnostic capabilities with key codes
- Customizable settings and protocols
- Print to thermal paper, PDF or PC printer
- Patient Management Database

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General Technical Specifications

DPOAE-TEOAE-Tymp

The MAICO ERO•SCAN™ Pro has been designed for a fast automatic testing of newborn babies, children and adults. It is ideal for ENT-offices, clinics and medical offices.

OAE Tests

All tests begin with AutoStart. The results for up to 10 frequencies are displayed as SNR or Value graph views. The possible outcomes are Pass, Refer, Noisy and Seal.

Tympanometry

The ERO•SCAN™ Pro performs automatic impedance tests with a 226 and 1000 Hz probe tone. The high probe tone is ideal for testing newborns and young children. With the pass criteria "box", results are easy to interpret. Detailed measures are shown on the screen.

Printing

Quick-print to PDF or default PC printer via included software. Results can also be printed by using the thermal printer.

Easy handling

The MAICO ERO•SCAN™ Pro is easy to use, with uncomplicated operation and test analysis. Series Protocols allow multiple tests to be performed by pressing one button.

Patient Management

The optional patient management software/database allows to upload patient names and download test results.

Customizable to individual needs

The models ERO•SCAN™ Pro Standard and Advanced Diagnostic are customizable to individual needs. The front panel programming allows easy change between the basic and a custom test setting. An advanced setup menu allows individual programming of the test parameters.



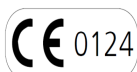
ERO•SCAN™ Pro system with optional external probe

1= Printer, 2= Cradle, 3= Instrument, 4= External probe

	ERO•SCAN Pro Screener DP or TE	ERO•SCAN Pro Screener DP and TE	ERO•SCAN Pro Standard DP or TE	ERO•SCAN Pro Diagnostic Advanced DP and TE
PRODUCT FEATURES				
Internal OAE Probe	X	X	X	X
External OAE Probe	Option	Option	Option	Option
External Tymp OAE Probe	Option	Option	Option	Option
DPOAE/TEOAE	DP or TE	DP and TE	DP or TE	DP and TE
SYSTEM FEATURES				
Sequenced Protocols	X	X	X	X
Quick-print to PDF via PC	X	X	X	X
Quick-print to PC Printer via PC	X	X	X	X
Completely portable	X	X	X	X
Totalement portable	X	X	X	X
Memory (no. tests) Maximum	350	350	350	350
Save tests by patient no.	X	X	X	X
Prints graphical and numeric data	X	X	X	X
Date & Time on printout	X	X	X	X
Tests all ages	X	X	X	X
Patient Management Database	Option	Option	Option	Option
OAE FEATURES				
OAE Frequency Range (Hz)	2-5 DP 1.5-4 TE	2-5 DP 1.5-4 TE	1.5-12DP 0.7-4 TE	1.5-12DP 0.7-4 TE
Maximum no. of Test Frequencies or Bands Reported	4 DP 6 TE	4 DP 6 TE	10 TE 10 DP	10 DP 10 TE
Default Pass/Refer	X	X	X	X
No. of OAE Test Protocols	2	2	20	20 DP 20 TE
Completely Isolated Printer "optional" (does not require external line source)	X	X	X	X
Customizable Pass Criteria	N	N	X	X
Customizable Test Protocols	N	N	X	X
Customizable by frequency/range: stimulus intensity, P1/P2 ratio, averaging time, SNR for pass, minimum OAE amplitude	X	X	X	X
Selectable Averaging Time	X	X	X	X
TYMPANOMETRY OPTION				
Probe tone 226 Hz	X	X	X	X
Probe tone 1000 Hz	X	X	X	X
Default PASS/REFER indicator & box	X (226Hz)	X (226Hz)	X	X
Show/Hide PASS/REFER indicator & box	X	X	X	X
Customizable Pass Criteria	N	N	X	X
No. of Tymp Protocols	2 (226Hz) 1(1000Hz)	2 (226Hz) 1(1000Hz)	10	10

Standards: IEC 601-1 according to medical directive 93/42/EEC FDA 510 (k) #980533 23.3.1998
Tympanometry - IEC60645-5, ANSI S3.39-1987

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SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

THE UK'S LEADING SOURCE OF AUDIOLOGICAL INSTRUMENTS