⩜ MAICO touchTymp MI 34/MI 36 Immittance – Quick Guide

1   ABOUT THIS QUICK GUIDE

This Quick Guide is not meant to replace the operation manual. Reading the entire operation manual prior to operating the device is mandatory!
Some of the following functions may vary by the individual settings made.

2   POWER ON AND OFF

✓ **Turn On:** press the *Front key* on the front of the touchTymp to turn on the device or to <u>reactivate</u> it from the Standby Mode. The options for the Standby Mode can be changed in the *Settings* ⚙ menu.

✓ **Turn Off:** press also the *Front key* to <u>shut down.</u> The options Shutdown or Standby appear.

3   OPERATING THE SCREEN

Explanation of icons in the Status Bar, Tool Bar and Fixed Function Bar.

Status Bar		⟵⟶	***PC-Connection Status****: highlighted green if the touchTymp is connected to the PC and Impedance Module software is running.*
Tool Bar	***Test Screen***	🗑	***Delete****: to delete the measured data.*
		📝	***Edit:*** *to edit reflex results. Select the button to enter the edit reflex screen.*
		🖥◀	***Transfer to PC:*** *to transfer the currently measured data.*
		🖨	***Print:*** *to print the results of all completed tests and of all probe tones.*
		👂👂	***Ear:*** *to select an ear for testing or repeating the measurement on the same ear (Red = Right Ear, Blue = Left Ear).*
		▶ ■ ❚❚	***Start****, **Stop**, **Pause****: to start, stop or pause a measurement.*
	Setting Screen	⟳⚙	***Default:*** *to set the subsettings back to factory settings.*
		💾	***Save:*** *to save settings.*
Fixed Function Bar		🏠	***Home:*** *to make selection of test module.*
		⋀	***Tympanometry:*** *to open the Tympanometry module.*
		⋀▭	***Tympanometry and Acoustic Reflex:*** *to open the Tympanometry and Acoustic Reflex module.*
		▭	***Reflex Decay:*** *to open the Reflex Decay module.*
		▦	***ETF:*** *to open the ETF module for intact or perforated ETF testing.*
		⚙	***Settings:*** *to access a list of all the device settings.*

4   SELECT THE MEASUREMENT

The test screen can be entered from the *Home* screen [Tympanometry] [Tympanometry Acoustic Reflexes] [Reflex Decay] [ETF] or by pressing the buttons in the Fixed Function Bar: *Tympanometry* ⋀, *Tympanometry and Acoustic Reflexes* ⋀▭, *Reflex Decay* ▭ or *ETF* ▦.
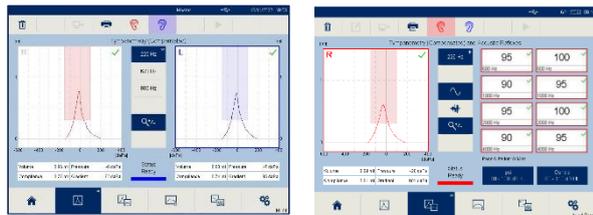
5   TEST STATUS INDICATION

PROBE	SCREEN			INFORMATION
(orange)	Status Ready			Right ear is selected. Probe is out of ear.
(blue)	Status Ready			Left ear is selected. Probe is out of ear.
(green)	Status In Ear	Status Testing	Status Done	Probe is in the ear and is sealing, test is running or test is done.
(yellow)	Status Blocking	Status Leaking		Probe is in the ear and blocked or leaking.
No Light	Status No Probe	Status Unknown		Probe is not attached properly or probe tone is not given.

6   PERFORMANCE AND EVALUATION

Starting a test

1. Select the test by pressing a test icon.
2. Confirm/select the test ear 👂 (right) or 👂 (left)
3. Confirm/select test frequency or test mode.
4. The measurement will start as soon as the probe is properly placed in the ear for automatic testing. Press the *start* ▶ button or the *probe* button for manual selection.

Tympanometry and Acoustic Reflex Testing

✓ Acoustic Reflex test: Temporary modification of test stimuli can be completed by pressing each reflex box or the *Ipsi/Contra* buttons. The active test stimuli are identified with a **Red** or **Blue** bold box.

✓ Tympanometry and/or Acoustic Reflex testing: If "show pass/fail" is turned on in the settings, a check mark ✓ indicates a *pass*, and a cross ✗ a *no response* result.

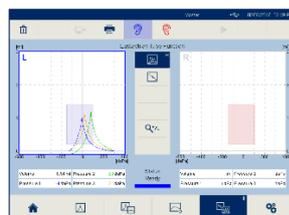**NOTE:** RaceCar 🏎 is an optional license to entertain the child during testing. See also operation manual.

Reflex Decay

Manual operation is required. Select ear 👂👂, stimulus (pure tone or noise), and intensity level before pressing the *start* ▶ button or the *probe* button.

ETF Intact

Instruction for the test will be displayed during the progression of the test. Results are displayed as:

- *Red or Blue:* represents test ear
- *Orange:* represents "Swallow"
- *Green:* represents "Valsalva"

ETF Perforated

Instruct Patient to swallow during the test. Measurement of changing pressure indicates status of Eustachian tube.

7   MANAGING TEST RESULTS

✓ **Delete** 🗑 *:* to delete test results. It is best to delete all patient results at the test completion.

✓ **Print** 🖨: to print directly the results. Printing from the device will print all test results at once (i.e. 226 Hz and 1000 Hz).

✓ **Transfer to PC** 🖥: to transfer the data to the PC Software. It is only possible to transfer data of one measurement at a time (i.e. 226 Hz or 1000 Hz, Tympanometry or Reflex Decay).

✓ The print icon 🖨 or arrow icon ◄, displayed on the top right corner of the button, defines user action.

For further information ask your local distributor or MAICO Diagnostics GmbH, Sickingenstr. 70-71, 10553 Berlin, Germany
Tel.:+49 30 70 71 46-50 • Fax: +49 30 70 71 46-99 • E-mail: sales@maico.biz • Internet: www.maico.biz