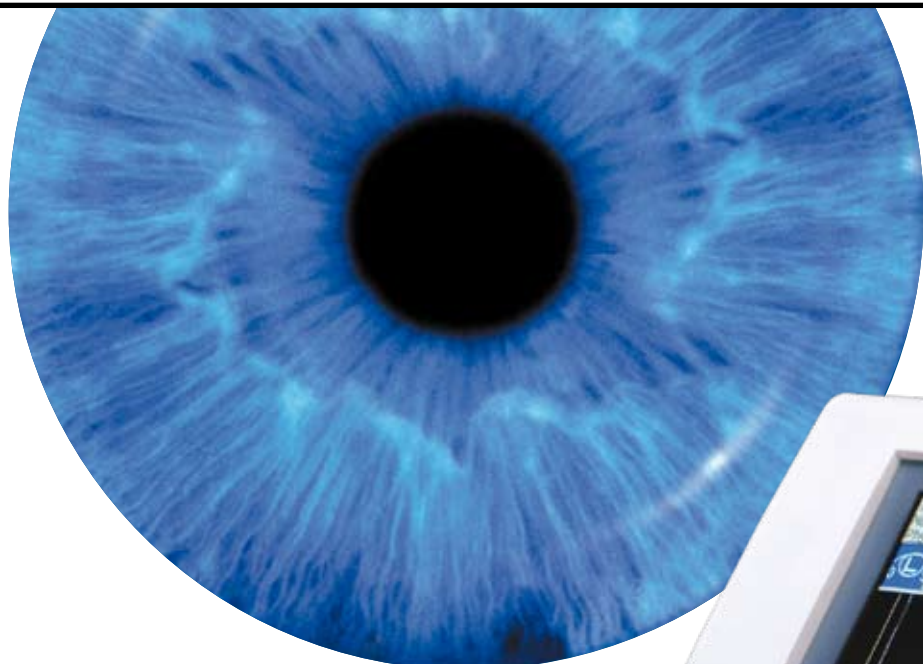


COMPACT A-SCAN/BIOMETER

▶ THE EASY TO USE AL-100



- *Colour Touch Screen*
- *Automated / Manual Measurement*
- *Contact / Immersion Mode*
- *6 IOL- Calculation Formulae*
- *Internal Data Storage*
- *Memory Card Drive*





The touch screen allows you to move quickly through the menu



The AL-100 provides full access to ultrasound velocities



Comfortable data transfer to memory card or RS-232 port

Easy to Use

The handling of the AL-100 is very easy due to the clearly structured touch screen interface. You quickly learn how to use the system since the precise indicated icons are conveniently located and follow a logic way of operation.

You can measure your patients' eyes by holding the probe in your hand or use the tonometer holder of your slitlamp. All measurements are audio assisted in any case.

Compact and Fully Equipped

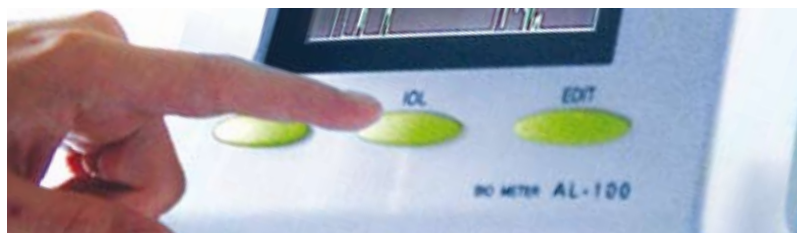
The ergonomic and compact design of the AL-100 gives immediate and convenient access to all operator elements. You have the possibility to customize the unit according to your personal preferences. Six different users as well as 10 IOL's can be added. The patient data are imported with touch screen keyboards, which appear on the screen whenever they are needed.

Moreover the AL-100 will calculate your personal corresponding values according to your surgery data. With 6 different presetted eye types and the adjustable velocity function, you are able to receive precise results, in contact or immersion mode.

State of the Art Data Management

In modern ophthalmology the handling of patient data is a very important factor. With the AL-100 you can choose between 4 different data storage options:

- Conventional printout through built in printer
- Internal memory
- Built in, PC standardized memory card slot
- Integrated RS-232 port for data export



One click away: change from axial length to IOL calculation

SPECIFICATIONS

Axial Length Measurement

Probe	10 MHz (+/- 10%)
Eye Type Modes	Normal, Dense Cataract, Aphakic, 3 x Pseudophakic

Measurement Mode

Auto 1	Hand-Held Measurement
Auto 2	Measurement with Chin Rest
Auto 3	Foot Switch

Measuring Range

Axial Length	15-40 mm
ACD	1.80-7.00 mm
Lens Thickness	2-6 mm

Measuring Accuracy

Accuracy	+/- 0.1 mm
Resolution	0.01 mm
Sound Function	Audio-Assisted Alignment Audio-Assisted Acquisition of Data
Converted Velocity	800-3000 m/sec
IOL Calculation	
Formulae	SRK - II, SRK - T, Showa, Holladay, Haigis Optimized, Haigis Standard
Additional Features	RS-232 Port, Patient Data Entry, Data Entry for up to 6 Physicians
IOL Storage Capacity	up to 10 Lenses
Display	5.7 " Colour Touch Screen
Printer	Built in Printer (incl. paper save function)
Data Storage	Internal Memory and (optional) Memory Card
Safety Guidelines	FDA 510 (K) IEC 1102

Dimension & Electric Requirements

Dimensions WDH	220 x 222 x 275 mm
Weight	Approx. 4.0 kg
Power Supply	AC 100 V to 240 V
Frequency	50/60 Hz
Power Consumptions	Less than 42 VA

TOMEY EUROPE
TOMEY GmbH
Am Weichselgarten 19a
91058 Erlangen
Germany
Phone (+49) - 9131 - 77710
Fax (+49) - 9131 - 777120
eMail: info@tomey.de

TOMEY ASIA-PACIFIC
TOMEY CORPORATION JAPAN
2-11-33 Noritakeshinmachi
Nishi-ku, Nagoya 451-0051
Japan
Phone (+81) - 52 - 581-5327
Fax (+81) - 52 - 561-4735
eMail: intl@tomey.co.jp

Visit our internet domain:

www.tomey.de