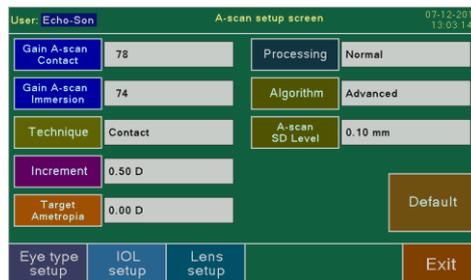


5.5.1. ENTER A-SCAN PARAMETERS

- **Gain A-mode Contact** – tap the gain field- a window with numeric pad opens that allows you to enter a new default Gain setting of the receiver in A-scan Contact method. The allowable range is 40-100 with a system default of 68-78
- **Gain A-mode Immersion** - tap the gain field- a window with numeric pad opens that allows you to enter a new default Gain setting for Immersion method. The allowable range is 40-100 with a system default of 68-76.
- **Technique** - select the desired technique: *Immersion* or *Contact*. In the Contact technique the OA probe is placed directly on the patient's cornea. In the Immersion technique, an immersion tube (Shell) containing the OA probe is placed on the patient's eye and filled with solution between the probe and the cornea.- there is an offset on the display between the peak from the probe tip and the peak from the cornea. The default technique is Contact.
- **Increment** – Selection 0.25 or 0.5 D increments nine different powers in IOL Power
- **Target Ametropia** - tap the Target Ametropia button- a window with numeric pad opens that allows you to enter a new default Target Ametropia setting. The default for target ametropia is 0.00.D (acceptable range is -9.99D to +9.99D). The entered value of TAM is treated as default value in the patient window (see chapter 5.4.3)
- **Processing** - select the desired Processing: P0, P1 or P2. Pressing the **Processing** button opens the page where the level of processing can be selected. The Processing function is active in RUN mode when the probe operates (see chapter 5.8.5)
- **Algorithm** – select the algorithm of A-scan: Basic or Advanced. The choice of the Advanced algorithm makes it possible to control the Standard Deviation (SD) level (**A - scan SD level**) - see chapter 5.8.7 (Note)



Default By pressing the **Default** button and then **Set default** button it is possible to set the standard default values for all of the above parameters.

5.5.2. EYE TYPE SETUP – MEASUREMENT MODE AND VELOCITIES

Pressing the **Eye Type Setup** menu button on **A-setup** window opens a page *Eye type setup screen* to edit all velocities and standard measurement mode for each type of eye. Using this page you can **change the sonic velocity** required for the calculation in the A-scan biometry and IOL power calculation. The page contains list of the following eye types:



- Normal
- Cataract
- Dense Cataract
- Silicone Oil Type 1
- Aphakic
- Pseudo Acryl

