

Configure Accessories

The system should be configured by specifying the accessories used before using it for delivering exposures. This includes the speed of film used and the type of extension cone installed. Follow the procedure below to configure your system.

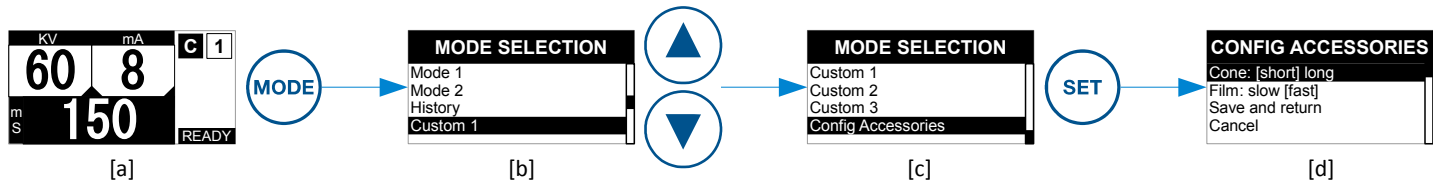


Illustration 1: Configuring accessories

1. Switch on the system.
2. Wait for the power on self test to complete and the *Home Screen* to be displayed [a].
3. Press *MODE* key to access *Mode Selection Screen* [b].
4. Press *UP / DOWN* keys to highlight *Config Accessories* option [c].
5. Press *SET* key to access *Config Accessories Screen* [d].
6. Change cone type and film speed by highlighting the respective entry (using *UP / DOWN* keys) and then pressing the *SET* key.
7. Highlight *Save And Return* option and press *SET* key to return to *Home Screen*. System is ready to deliver an exposure now.

Selection of correct exposure techniques is vital for good image quality and the console of *INTRASKAN DC* is designed just for that. The key elements to be considered while selecting an exposure parameter is the type of image receptor used and the area being imaged.

Preset Modes

Preset Modes are used to handle different types of image receptors. There are two system presets and three custom presets. There is a provision to see and use previous exposure techniques as well.

1. *Mode 1 / 2*: Mode 1 is to be selected while using film and Mode 2 may be used when other image receptors like CCD/CMOS are used.
2. *Custom 1*: This preset mode may be used for PSP based receptors. Modifications done on exposure techniques for this preset mode are permanently stored in console memory.
3. *Custom 2/3*: These are additional preset modes similar to Custom 1, for user to customize exposure techniques and permanently save.
4. *History*: As the name suggests this mode contains a list of exposure techniques used for the last 40 exposures.

Exposure Presets

An *Exposure Preset* is a combination of KV, mA and mS suited for a particular application. Each *Preset Mode* (except '*History*') contains 30 *Exposure Presets* for different combinations of patient size, type of imaging and tooth anatomy. Console has dedicated keys for accessing these *Exposure Presets*.



Illustration 2: Exposure preset keys

User Interface Screens

Through its LCD display, the console displays various screens for performing different tasks.

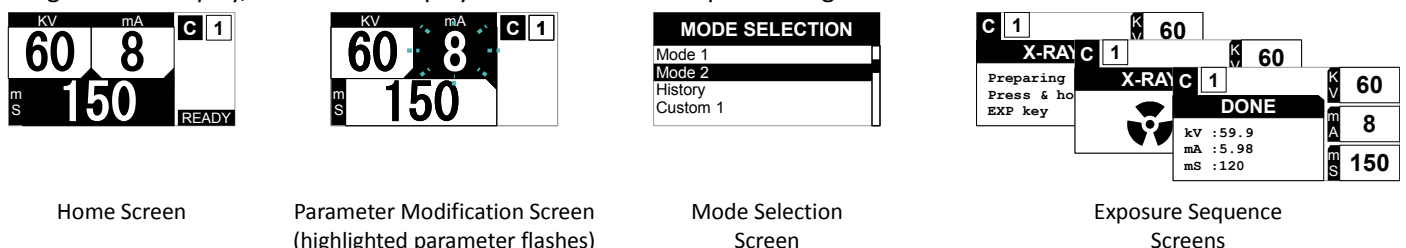


Illustration 3: User interface screens

Delivering Exposure

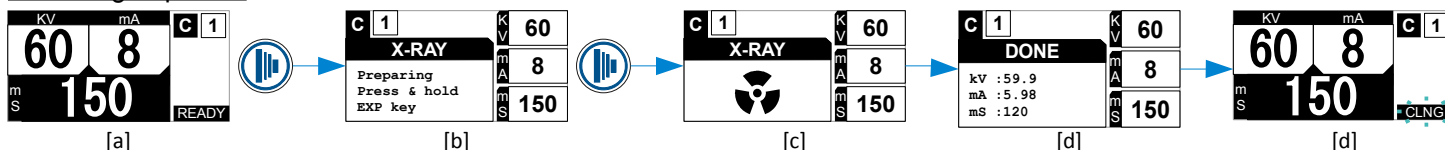


Illustration 4: Delivering exposure

1. Return to *Home Screen* (if not already in) [a].
2. Press and hold the *EXP* switch. System prepares for delivering the exposure and displays an exposure instruction screen [b].
3. Continue to press the *EXP* switch. Console displays the radiation symbol when delivering the exposure [c].
4. Once the exposure is completed, the results screen is displayed [d]. Release the *EXP* switch at this stage.
5. After about 5 seconds, console returns to *Home Screen* with the message *CLNG* flashing at the bottom [d].
6. System cools for a minimum of 8 seconds after completing the exposure (results screen included). After this cooling period, console returns to *Home Screen* with a steady 'READY' message at the bottom. System is now ready to deliver the next exposure.

Manually Changing Exposure Techniques

Console highlights mS parameter after power on, on returning to *Home Screen* (from any other screen) or after an exposure. In this condition, press *UP* / *DOWN* keys to change mS. Press *SEL* key to select the next parameter (in this case KV). The example below shows how to modify mA parameter.

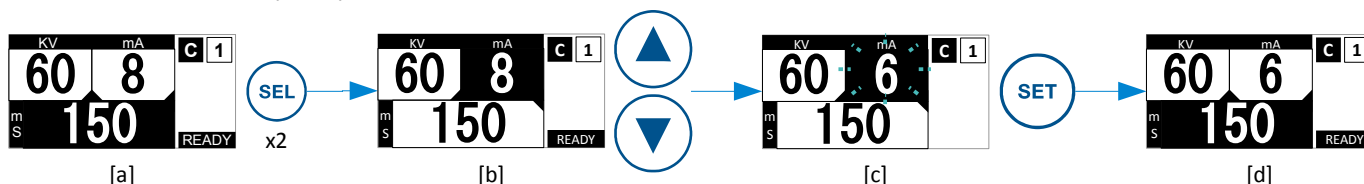


Illustration 5: Manually changing exposure techniques

1. Return to *Home Screen* (if not already in) [a].
2. Press *SEL* key one or more times until mA parameter is highlighted [b].
3. Press *UP* / *DOWN* keys once to start modifying mA. Its value changes up / down by one step and starts to flash [c].
4. Press *UP* / *DOWN* keys more number of times to change the value further.
5. Press *SET* key to accept the value and return to home screen [d]. System is ready to deliver an exposure now.

The same procedure is applicable for modifying the other two parameters. Highlight the required parameter before executing step 3 above. Press *SEL* key instead of *SET* at step 5 to discard the change.

NOTE: Modifications made to exposure techniques are saved automatically to console's memory when any one of Custom preset modes are selected.

Changing Preset Mode

The example below shows how to change to *Mode 1*.

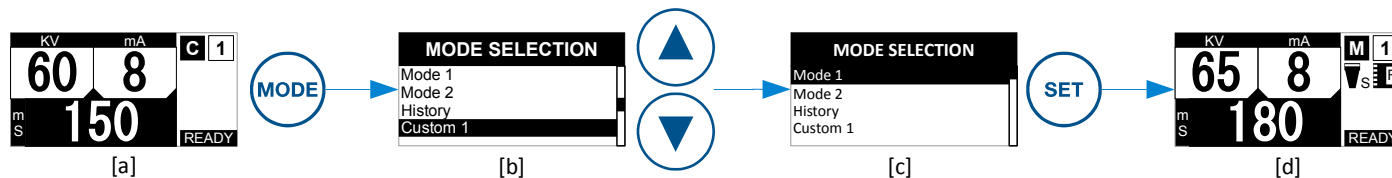


Illustration 6: Changing preset mode

1. Return to *Home Screen* (if not already in) [a].
2. Press *MODE* key to access *Mode Selection Screen* [b].
3. Use *UP* / *DOWN* keys to highlight *Mode 1* [c].
4. Press *SET* key to accept *Mode 1* and return to *Home Screen*. System is ready to deliver an exposure now.



This literature is presented as a quick reference guide to assist in performing routine / repetitive tasks. Users are required to go through the User Manual completely, before beginning to use the system.

CAUTION