

Diagnostic
Green

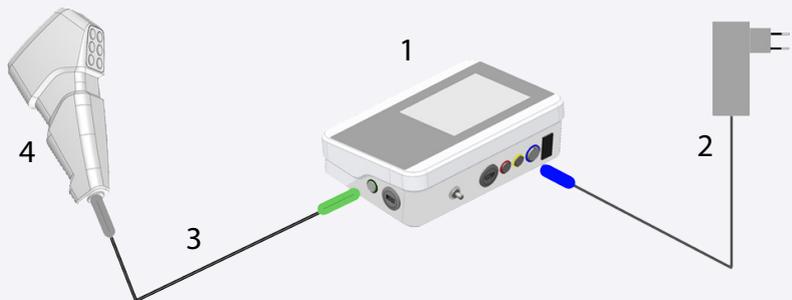
IC-Flow™ Imaging System: Quick Start Guide



www.diagnosticgreen.com

KEY DEVICE COMPONENTS

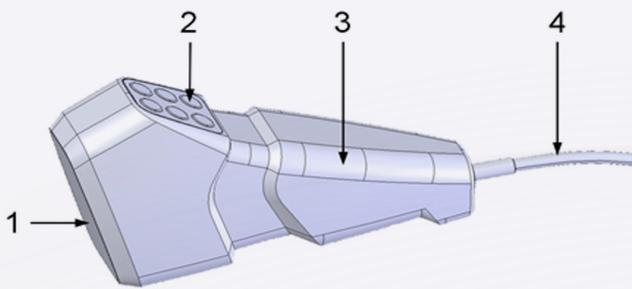
The IC-Flow Imaging System provides for visualisation of the distribution and intensity of the fluorescent dye, Indocyanine Green for Injection (ICG) in human tissue.



1. IC-Flow Controller
2. Power Unit
3. Camera Cable
4. Camera

For additional optional accessories, check out user manual.

IC-FLOW IMAGING SYSTEM – CAMERA HEAD AND CONTROLLER



IC-Flow Camera Head

1. Camera lens with lighting and lens
2. Operating panel membrane keypad
3. Grip
4. Camera Cable to connect to the controller unit

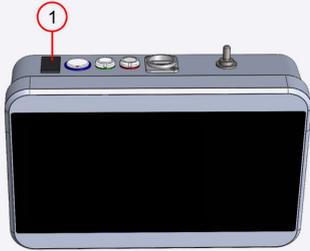


IC-Flow Controller

1. Settings, date, time
2. Intensity of light source
3. Sensitivity of camera
4. Memory - used/total memory
5. Operating panel of camera activated/ deactivated
6. Take picture activated/ deactivated
7. Record video activated/ deactivated
8. Video screen button
9. Activate standby camera unit, monitor, device unit standby
10. Adjust settings

A. SWITCH ON

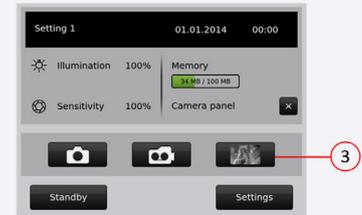
Switch on the IC-Flow Controller using the Main Switch Button (1).



After 20-25 secs, the Main Menu appears. Press Start Button (2) on the touchscreen.

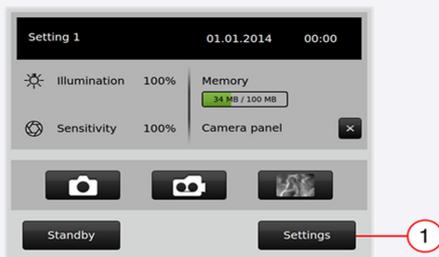


Press the video button (3) to activate video output.



B. VIEW AND ADJUST SETTINGS

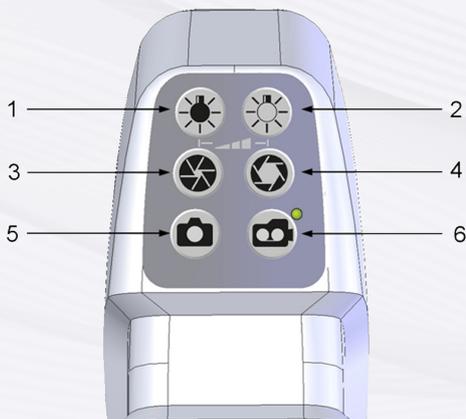
Settings are displayed on setting screen, below for example displaying at 100% – to adjust, press the settings button (1)



Adjust settings

1. Sensitivity – adjusts camera brightness level
2. Illumination – adjusts fluorescence level

Settings can also be accessed on camera head

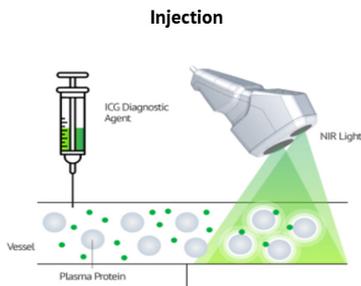


1. Less light illumination - reduces the fluorescence intensity level
2. More light illumination - raises the fluorescence intensity level
3. Less sensitivity - reduces the overall image brightness of the camera
4. More sensitivity - heightens the overall image brightness of the camera
5. Take picture
6. Start/Stop video

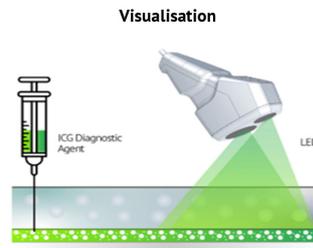
Recommend starting both illumination and sensitivity at 100% and adjust accordingly

C. PREPARE INJECTION OF INDOCYANINE GREEN (ICG, VERDYE), ADMINISTER AND UNDERTAKE PROCEDURE

ICG injection is reconstituted and injected



ICG agent emits fluorescence, is detected by the camera filters and images displayed on the monitor

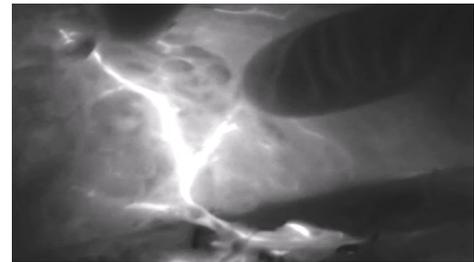


D. VIEW FLUORESCENCE IMAGES

Hold the IC-Flow Camera between 15-20cms from the object

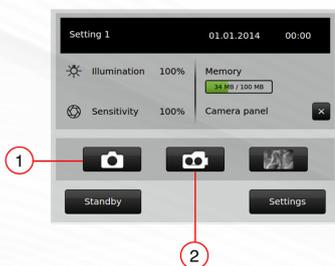


Adjust settings to ensure high contrast image capture



E. RECORD IMAGES OR VIDEOS OF PROCEDURE AND TRANSFER DATA TO MASS STORAGE DEVICE (SUCH AS USB STICK)

Record picture by pressing camera icon (1), video recordings are started and ended via the video button (2)



Data can be transferred by inserting USB stick into the IC-Flow Controller

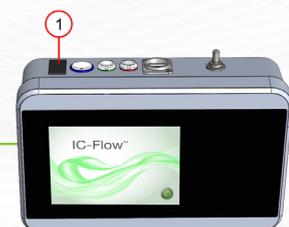


Recordings can be transferred by activating the "Copy to Stick" button (3) on the Settings Screen



F. WHEN COMPLETE, SWITCH OFF

Switch off the device using the Main Switch



For more information go to <https://diagnosticgreen.com/row/ic-flow-imaging-system/>