

Diagnostic
Green

IC-Flow™ Imaging System

Technical Features



www.diagnosticgreen.com

IC-Flow™ Imaging System (IC-Flow) is Diagnostic Green's handheld camera that visualizes and records quality fluorescence images for physicians.

COMPACT • SIMPLE • EFFECTIVE • SAFE

UNIQUE BENEFITS



Fast boot-up time, less than 45 seconds



Large memory with easy transfer of data to USB or cloud storage - Wi-Fi enabled



Flexible configurations to meet specific requirements



Portable Compact Trolley & OR System available



Portable Handheld System with integrated touchscreen display



Safe use with the benefit of LED rather than laser light source



Maintenance free



Simple and easy to use with minimal training required



IC-FLOW HANDHELD SYSTEM

- ⊙ Compact and portable
- ⊙ Integrated display
- ⊙ Easy to use
- ⊙ Data transfer to cloud or to a USB stick
- ⊙ No additional equipment required

IC-FLOW TROLLEY SYSTEM

- ⊙ Compact integrated system
- ⊙ Convenient and portable
- ⊙ Flexible configuration available with or without monitor

IC-FLOW CART SYSTEM

- ⊙ Portable operating room system
- ⊙ Integrated system with monitor
- ⊙ Extendable arm to hold camera

TECHNICAL FEATURES

Images/ Display	Display of fluorescence image on monitor and touchscreen
Internal memory	30 GB
Video and Picture formats	Picture: JPEG; Video: MPEG; DICOM - export via USB
Image size for pictures and videos	1920 x 1200 pixels
Touchpad on controller unit	29.5cm colour
Focus/ zoom	Manual/No
Work distance	Approx. 15-20 cm, optimum 18cm
Light source & Output	Optical output 2.5W
Functions	Video & image recording Data transfer to USB stick and Cloud

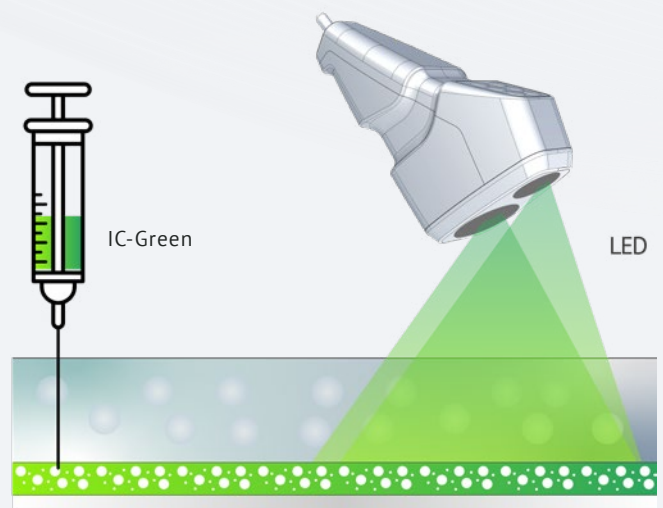


IC-FLOW OPERATION

1. Switch on camera
2. Check preset camera settings
3. Prepare injection of Indocyanine Green (ICG) pharmaceutical product
4. Adjust ambient light
5. Adjust camera settings
6. Administer ICG injection
7. Capture image/record video/visualize fluorescence
8. Transfer data (USB/Cloud)

FLUORESCENCE VISUALIZATION

- Using the IC-Flow, the tissue of interest is illuminated with near-infra red light (NIR).
- NIR excites the ICG molecules in the tissue.
- The ICG emits fluorescence which is detected by the camera filters.
- Fluorescent images are displayed on IC-Flow Controller and/or external monitor.



IC-FLOW™ REGISTRATION & DISTRIBUTION

IC-Flow™ is currently available in all listed territories



- Austria
- Belarus
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Latvia
- Liechtenstein
- Lithuania
- Luxembourg
- Malta
- Montenegro
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- United Kingdom
- USA

IC-Flow Intended Use

IC-Flow™ Imaging System is an FDA approved Medical Device

IC-Flow™ Imaging System 2.0, used in conjunction with Indocyanine Green (ICG), is indicated for fluorescence imaging of blood flow, tissue perfusion, and the lymphatic system in both adult and pediatric patients one month of age and older. Upon intravenous administration of ICG, the IC-Flow™ Imaging System 2.0 is used for fluorescence angiography before and after vascular, and plastic, micro-, and reconstructive procedures. Additionally, upon subcutaneous administration, the system is used for fluorescence imaging and visualization of the lymphatic system, including lymphatic vessels.