



Imaging system For aquatic ecology

ZooSCAN

Zooscan was developed primarily for enumeration, sizing and identification of liquid zooplankton samples. It is also suitable for other activities such as long term monitoring, research and education.*

Domains of application:

Ecological survey, Fishery, Aquaculture, Education

ZooSCAN specific features:

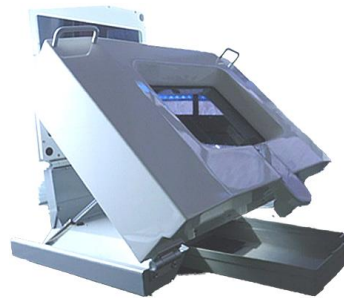
- Waterproof, complies with international safety regulations
- Designed to handle and digitize liquid samples
- Resistant to salt water, formaldehyde and ethanol
- Non-destructive with safe sample recovery
- High resolution, optimized for objects above 150µm equivalent spherical diameter
- Bottom illumination to allow sample dispersion
- Optimized lighting system to enhance image quality and contrast by using two separate lighting units available through selector button.
- Supplied with transparent frames for good quality images at borders



Zooscan MIII - Hydroptic 2011

Specifications:

| | |
|---------------------|--------------------------------|
| Sample volume: | 0.2 to 1 litre |
| Image resolution: | up to 4800 dpi (dots per inch) |
| Dimensions (LxWxH): | 60 x 50 x 35 cm |
| Weight: | 25 Kg |
| Input voltage : | 110 to 230 VAC, 50 to 60 Hz |
| Interface: | USB 2.0 |

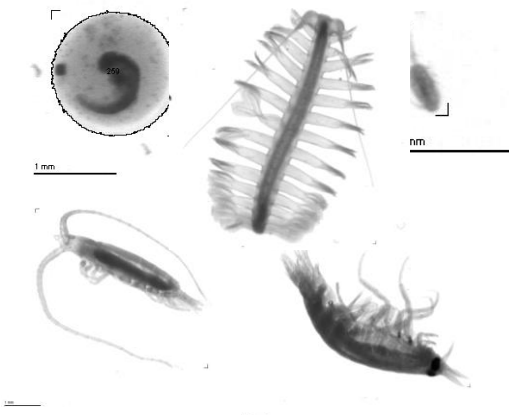


Software :

Compatible with any scanning software solution
Supplied with EPSON Scan and Vuescan scanning software.
Recommended free software: Zooprocess and Plankton Identifier with Tanagra, for image processing, object recognition and statistical treatment of data. Available at www.zooscan.com

Recommended computer configuration:

| | |
|----------------------------|----------------------------|
| Processor: | Core i5 or above |
| RAM: | 8 Gb minimum |
| Monitor resolution: | 1280 x 1024 minimum |
| Video board | Separate board recommended |
| Operating System: | Windows® 7 Pro 64 Bits |
| Operating System language: | English recommended |



Courtesy LOV CNRS/UPMC Villefranche/m, France

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