Technical Specifications:

Image Sensor	Superior Quality, 3-line Color CCD
Light Source	White LED Lamp
Hardware Resolution	10,000 x 10,000 dpi
Color depth	48 bit
Dynamic Range	3.8 OD
Scanning Area (H x W)	24.3 x 36.5 mm
Preview Speed	Approx. 4.5 sec (Multi-Sampling ON)
Action Button	QuickScan
Power Supply	12 V DC / 1.5 A 100~240 DC Adaptor
Interface	USB 2.0
Net Weight	1.05 Kgs
Slide Holding Capacity	Upto Two Slides
Image Format	JPEG, TIFF
Dimensions	260 x 155 x 70 mm
OS	Windows XP / Vista / 7 / 8 / 10 Intel-based Mac OS X 10.5+
Hardware Requirements	PentiumR IV 2.0 GHz processor CD-ROM Driver One available USB 2.0 Port 512 MB RAM (1GB or higher recommended) 800 MB free HDD space (1 GB or larger recommended)
Warranty	One Year against any manufacturing defect

The **CatSkanner** can also be used for scanning of geological slides, for which an optional GEOLOGICAL POLARIZING holder for 1"x2" slide will be required. This holder is not included in the standard package and is available at additional cost..
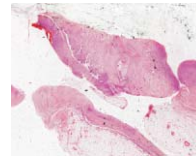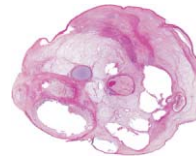
CatSkanner

Histopathology Slide Scanner
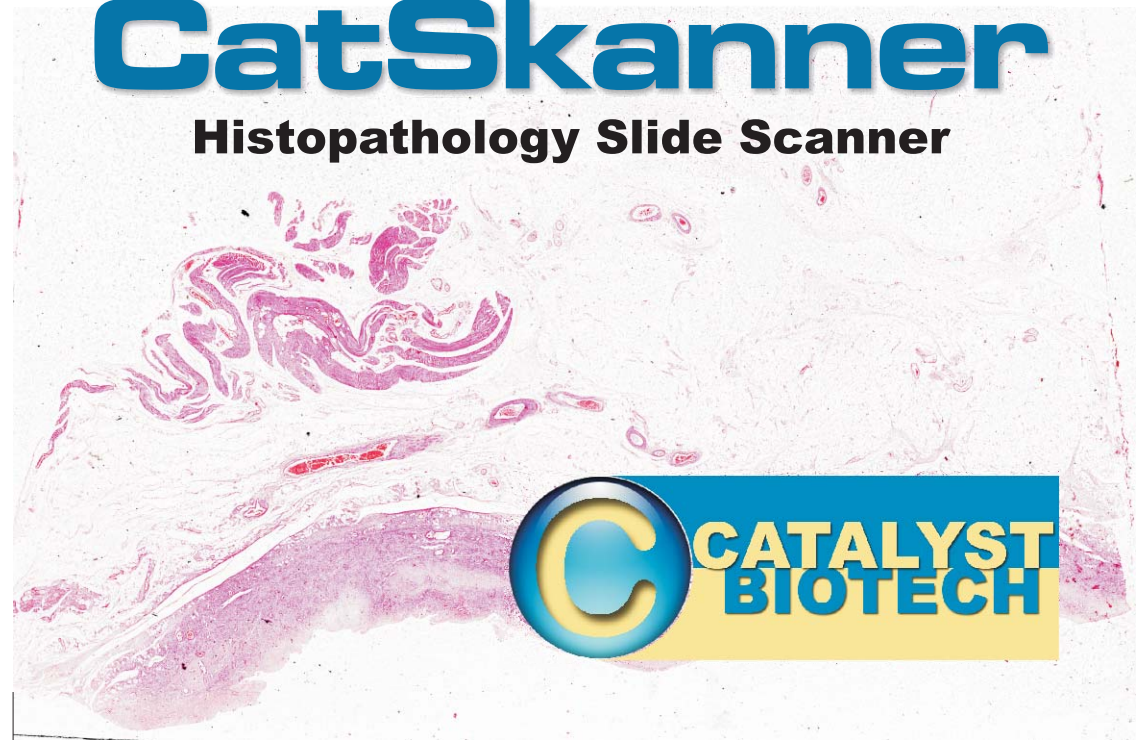
CATALYST BIOTECH

C-302, Third Floor, Anupam CHS Ltd.
Plot No.: 79, Old Panvel - 410 206.
Maharashtra - India.
E-mail: catalyst@catalystbiotech.com

www.catalystbiotech.com

Our Authorised Distributor :

CATALYST BIOTECH

The CatSkanner is designed to allow scanning of whole mounted histological samples attached to standard 1"x3" cover slipped glass slides. The CatSkanner solves low power, large field of view and high resolution imaging problems. The CatSkanner captures specimens as large as 36 mm in diameter. By scanning the entire sample slide in one pass, there is no uneven illumination or out of focus sample edges, as can be the case with traditional low power image capture techniques.
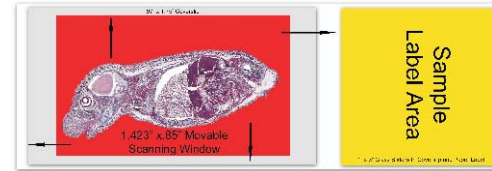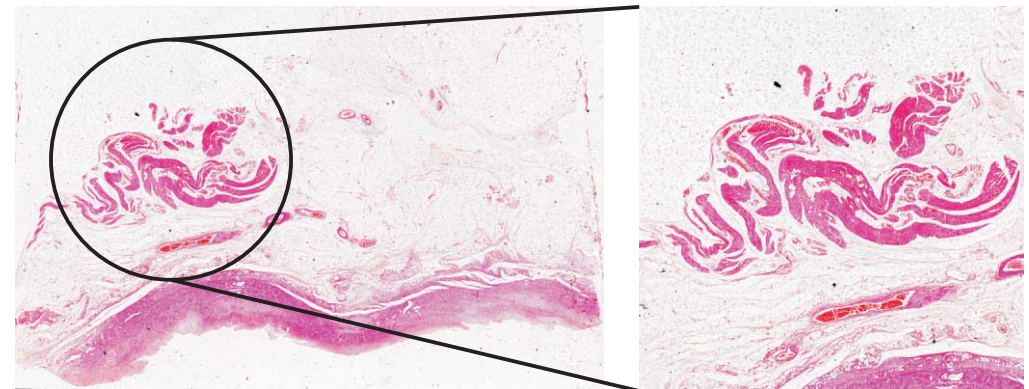

The Scan area is 24.3 x 36.5mm, resulting in stunning, incredible images up to 14,320 x 9,522 pixels (10,000 dpi). This is equivalent to a visual microscope magnification of 50x.

The CatSkanner holds two 1"x3" glass slides and includes simple to use software, CatSkan. Image files are saved in TIFF or JPEG formats. CatSkanner is compatible with Windows based PC's and Mac Computers.

Slide Holder

The CatSkanner will not replace a microscope and camera. It is designed to compliment any microscope imaging workstation by doing something the imaging workstation cannot. Namely, capture an ENTIRE histological sample without having to stitch it together.

Whole Slide Image   ROI Image

» **From basic histology research to Life Science education**
» **Supports standard microscopy slide 76 x 26 mm**
» **Scans full slide**
» **One button control, scans, saves and opens the image in image viewer**
» **Superior quality, 3-line CCD sensor**
» **48-bit, 10,000 dpi, 5 µm resolution, equivalent to 75X resolution.**
» **High dynamic range (3.8 OD), can easily identify each individual cell.**
» **Industry-leading scanning speeds.**
» **Simple user interface, compatible with Windows and Mac OS**
» **Polarization attachment available (optional)**
» **CatSkanner is strictly not recommended for wet mounts.**

CatSkan from Catalyst Biotech is an user-friendly and intuitive software, supplied with CatSkanner. It allows you to pre-scan, adjust the image for brightness, contrast, color, etc. and scan. A simple user interface makes the installation a simple task and is compatible with all the versions of Windows as well as Mac OS.