

COLUBRIS

DESIGN Boxed system with brightfield and fluorescence slide scanning

GENERAL High precision, high accuracy linear stage
Up to 6 Zeiss objectives, standard configuration: 10x, 20x, 40x
8 position slide holder for standard and double sizes

BRIGHTFIELD IMAGE ACQUISITION High-resolution 16 MP preview camera
CMOS acquisition camera (8-bit, 4.2 MP, color)
6 position condenser wheel, including fully-blocked (for fluorescent imaging)
White light LED (lifetime > 40,000 h)

FLUORESCENT IMAGE ACQUISITION High-resolution 16 MP preview camera + DAPI filter
sCMOS acquisition camera (16-bit, 4.1 MP, monochrome)
2 quad-band filter cubes for multi-LED light engine (89402, 89403)
Multispectral light source with 8 colors

SOFTWARE exScan software running on HP Z6 workstation
Two 4K 27" monitors as standard

COLUBRIS

All-in-one Acquisition & Analysis Platform

COLUBRIS

ALL-IN-ONE, MODULAR PLATFORM FOR THE ACQUISITION, MANAGEMENT, VISUALISATION AND ANALYSIS OF IMAGING DATA.



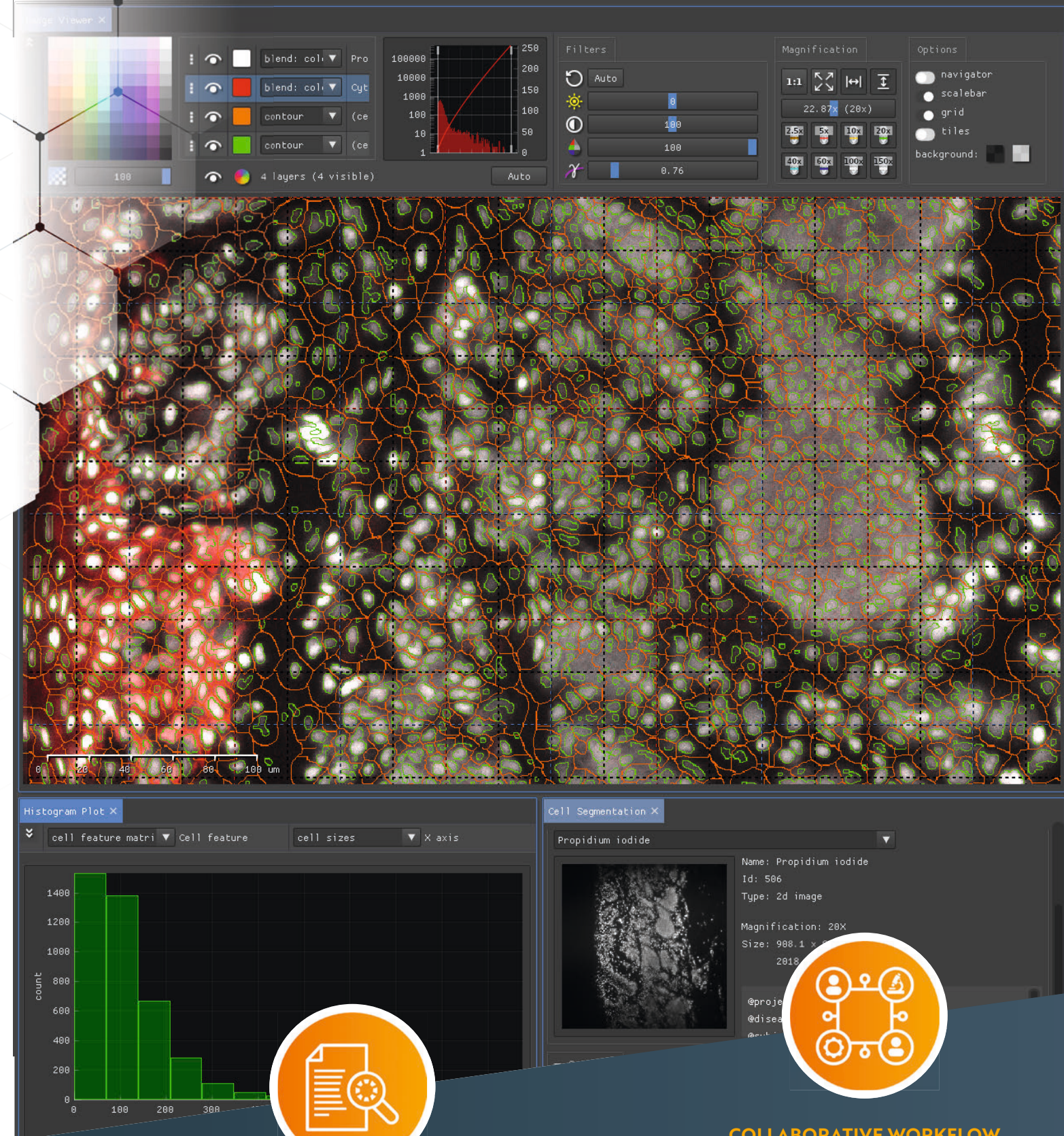
FULLY INTEGRATED ACQUISITION & ANALYSIS

Dynamically optimise your workflows with on-the-fly, AI-assisted image analysis and data mining, even during sample scanning.



FLEXIBLE USER INTERFACE

Compose your own dashboards by picking from dozens of intelligent tiles that communicate with each other, such as cell segmentation, histogram plot, or statistical analysis.



INTUITIVE DATA MANAGEMENT AT SCALE

Explore, structure, and interpret large quantity of imaging data and analysis results.



COLLABORATIVE WORKFLOW & REMOTE CONTROL

Share and interactively review data with collaborators over the internet, control the acquisition process and launch analyses remotely.

