

Interactive Control Center (ICC)

PS3J100 Multifunctional Manual Controller for the ProScan™III Microscope Automation System

Features



The Interactive Control Center (ICC) is an ergonomically designed multifunctional manual controller for the ProScan™III microscope automation system. The ICC provides local control of accessories, including a stage, focus, filter wheels, shutters and the Lumen PRO range. The screen provides positional feedback while the joystick, button and digipots control accessories such as a stage, focus, filter wheels, and shutters.

Innovative features in the center allow the user to measure distances, label filter wheel positions with dye names (e.g., DAPI, FITC, etc.) and take fine control of the stage for intricate movements. Giving the user instant feedback as to what fluorophor the system is setup for and where the area's of interest are located on the stage. It also allows basic diagnostic of encoders, TTL and internal ProScan™III settings, such as axis movement speed.

Features of the PS3J100:

- Positional feedback on all axes
- Digipot control of both X and Y axes independently for ultra fine movements
- Ergonomic design
- 137mm (W) x 243mm (L) x 71mm (H)
- Autodetection of accessories and configuration of display screens
- Speed control capability of joystick and focus motor
- Fast up and down Z focus buttons
- Manual control of X and Y via joystick or filter wheels via digipot knobs
- Configurable for OEM applications