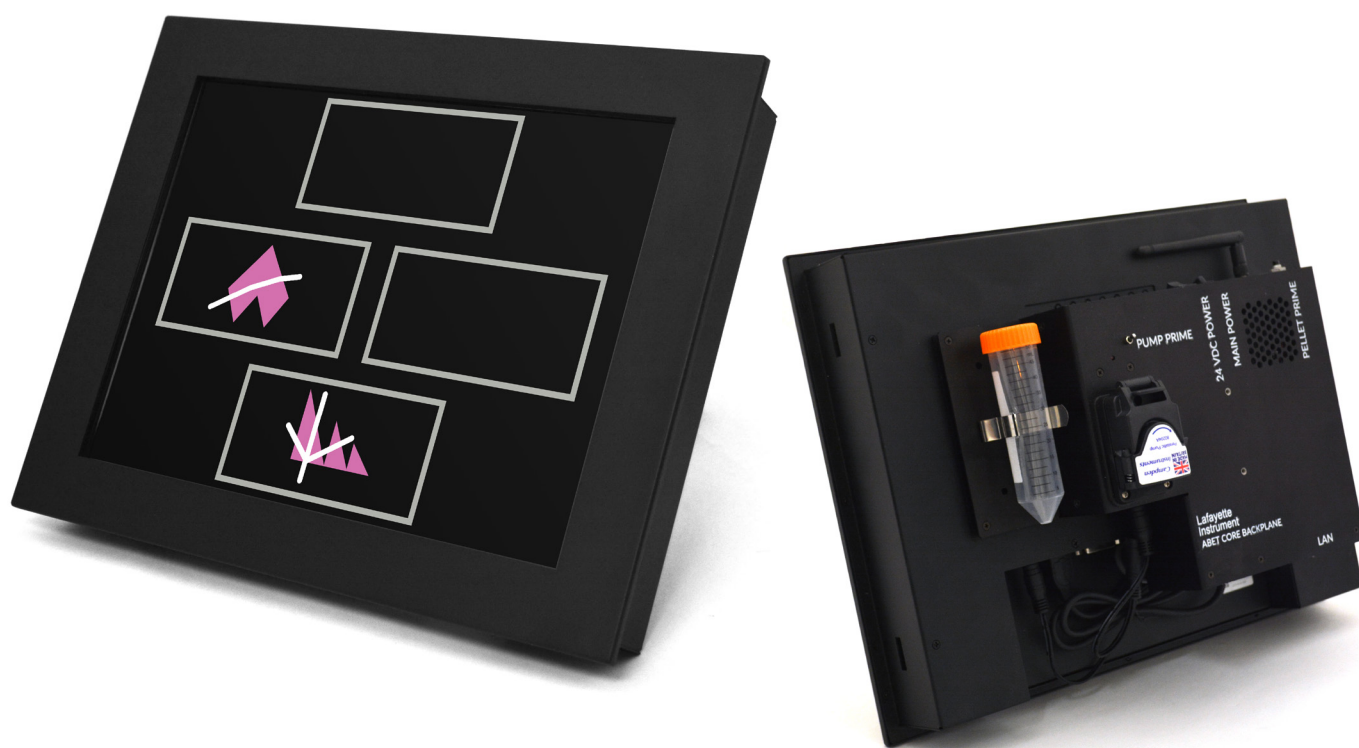




CORE Backplane

Compact with expanded features!



Designed with flexibility in mind, the compact form fits seamlessly into cages or any controlled testing space.

ABET Core Backplane



ABET CORE
Backplane

What is the Backplane?

Monkey CANTAB Intellistations are recognized as a benchmark in primate cognitive assessment. In response to technological advances and evolving user needs, Lafayette has redesigned the Intellistation, creating a more compact model with enhanced features and streamlined controls.

This smaller/lighter form factor supports mounting in home cages or other testing enclosures. With all electronics enclosed and mounted on the back of the unit, the subject is presented with a clean front display with no hardware distractions.

Specifications

	Screen	Dimensions	Weight
80964	12"	11.38" x 9.31" x 5.17"	8 lbs
80965	15"	15.04" x 11.89" x 5.60"	11 lbs
80966	17"	15.02" x 11.88" x 5.60"	15 lbs

How does the Backplane work?

Each station uses an onboard microcomputer to control the unit. All user interaction is made via a networked control computer running ABET Cognition software. Users no longer need to remote-in or use a dedicated keyboard/mouse to manipulate individual units like previous CANTAB systems.

The same easy-to-use interface remains, but with expanded feature sets to provide open access for labs to write their own paradigms, upload custom stimuli (images, videos, or audio files), and create analysis workflow.

Backplane Features

- Controlled by ABET Cognition software.
- Supports user-created custom paradigms.
- Unit is easily installed in a testing or home chamber environment.
- Splash-proof IR touch screen with LCD monitor.
- IR touch array with tempered glass for increased durability.
- Touchscreen panel encased in a durable stainless steel metal frame.
- Calibrated 12.2ml flow rate peristaltic pump with receptacle for liquid reward.
- Speaker to pair audio cues to the subject.