

Modular Laboratory Control and Acquisition System



Surface Concept newly developed digital and analogue electronic components and high voltage supplies in a new combining modular laboratory control and acquisition system.

- 19" Crate Systems (42TE & 84TE)
- 4.3" Touch Display Module (optional)
- 4 Channel Current Source Module
- Pulse Pattern Generator Module
- HV Modules with up to 8kV (with floating capability)
- Easy Software Accessibility (GUI, LabView™, Python® and more)

COMING SOON
CFD MODULE
DIGITAL
COUNTER MODULE
TDC MODULE



Choose Your Modules - Build Your Setup



Lab-IO HV 2 Channel Module

- › number of HV channels: 2
- › output voltage: up to 8000V
- › polarity: positive and negative (floating)
- › max. ref. potential: $\pm 1000V$



Lab-IO HV 8 Channel Module

- › number of HV channels: 8
- › output voltage: -100 to +100V DC
- › polarity: bipolar (floating)
- › max. ref. potential: $\pm 1000V$



Lab-IO Pulse Generator Module

- › number of output channels: 4
- › min. pulse width: 2.5ms (LVTTTL)
- › output frequencies: 0 - 200MHz
- › external trigger input (max. 100MHz)
- › signal jitter (max.): < 100ps



Lab-IO Display Module

- › 4.3" touch display
- › additional control of Lab-IO modules
- › status LEDs

...and more.



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