

**NEW**

# pE-300<sup>ultra</sup>

Controllable  
Optogenetics  
Illumination



TTL for control from your  
Electrophysiology rig

**CoolLED**   
Simply Better Control



[www.CoolLED.com](http://www.CoolLED.com)

# pE-300<sup>ultra</sup>

## Controllable Optogenetics Illumination



Utilising the technology from CoolLED's very successful pE-300 Series, the pE-300<sup>ultra</sup> includes the same broad spectrum coverage and highly usable LEDs as other members of the pE-300 Series which have been helping scientists carry out highly repeatable, consistent experiments for years. Added to this, the pE-300<sup>ultra</sup> has the ability to filter precisely your stimulation wavelength as required and, via multiple TTL inputs, connects directly to your electrophysiology rig, stimulator and other hardware for integration with your whole system.

- ✓ Stimulates popular opsins (ChR, HR)
- ✓ Precisely filters your stimulation wavelength as required utilising removable inline filter holders
- ✓ Connects to your electrophysiology rig, stimulator and other hardware via multiple TTL inputs
- ✓ Fits most microscopes as a wide range of microscope adaptors is available
- ✓ Delivers light through direct attachment or light guide for no unwanted vibration or electrical noise
- ✓ Is ideal for both Optogenetics applications and regular fluorescence microscopy allowing you to make more use of your microscopy set up
- ✓ Includes "Sequence Runner" multiple channel excitation mode. This offers users the facility to run through a sequence of excitation channels using a camera which has only a single TTL-out

The pE-300<sup>ultra</sup>: Fast  
controllable illumination

For more information on how CoolLED products can help you, contact us now:  
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