

Xenon Lamp Ageing Console

Fast-ageing your Xenon lamps in a pre-assembled operation

Ageing your lamp with Fast PXL increases your Xenon lamps' performance through electrodes electro-polish

Fast pre-assembled ageing operation

Our Fast PXL can work up to 100 pulses/sec with 1-5 lamps

Few 1000 pulses in a few minutes

Professional Insights into Xenon Lamp Ageing from Experts

“The results showed a significant improvement that effect positively on strength, fatigue resistance and corrosion resistance”

https://www.researchgate.net/publication/46029272_Designing_Building_and_Testing_of_an_Electropolishing_Cell

“A technique to remove scale or oxidation from the surface of a heat-treated metal”

<https://www.besttechnologyinc.com/electropolishing-equipment/how-does-electropolishing-work/#ProcessSteps>

“xenon flash lamps are used for stroboscopes, applying a periodic sequence of pulses. Here, they usually need to be fired with a substantial repetition rate. They should thus be optimized for that mode of operation”

https://www.rp-photonics.com/flash_lamps.html



Complementary Products

- Xenon lamp ignition testers
- Xenon lamp ageing consoles
- Xenon lamp burn in tester systems with sensors, data acquisition and software application
- Wide variety of pulsed power supply, from 2W up to 4kW and more

Our Design Consulting practice Services

- Optical design and testing
- Software and hardware development
- Automation
- Imaging

Contact us today for more info

Phone: 972-072-250-555

Mail: info@izakscientific.com

www.IzakScientific.com

www.ReadyDAQ.com

Specification/Product	Fast PXL 100120-10
Operating voltage	110-220 VAC
# lamps to operate	1-5 lamps
Lamp voltage	100V-4,000V Can be adjusted
Ignition level	4kV-20kV Setup by software or manually
Operation	Software application / Manual control
Power	1kW-2kW
Dimensions	30cm x 35cm x 35cm
Weight	12Kg