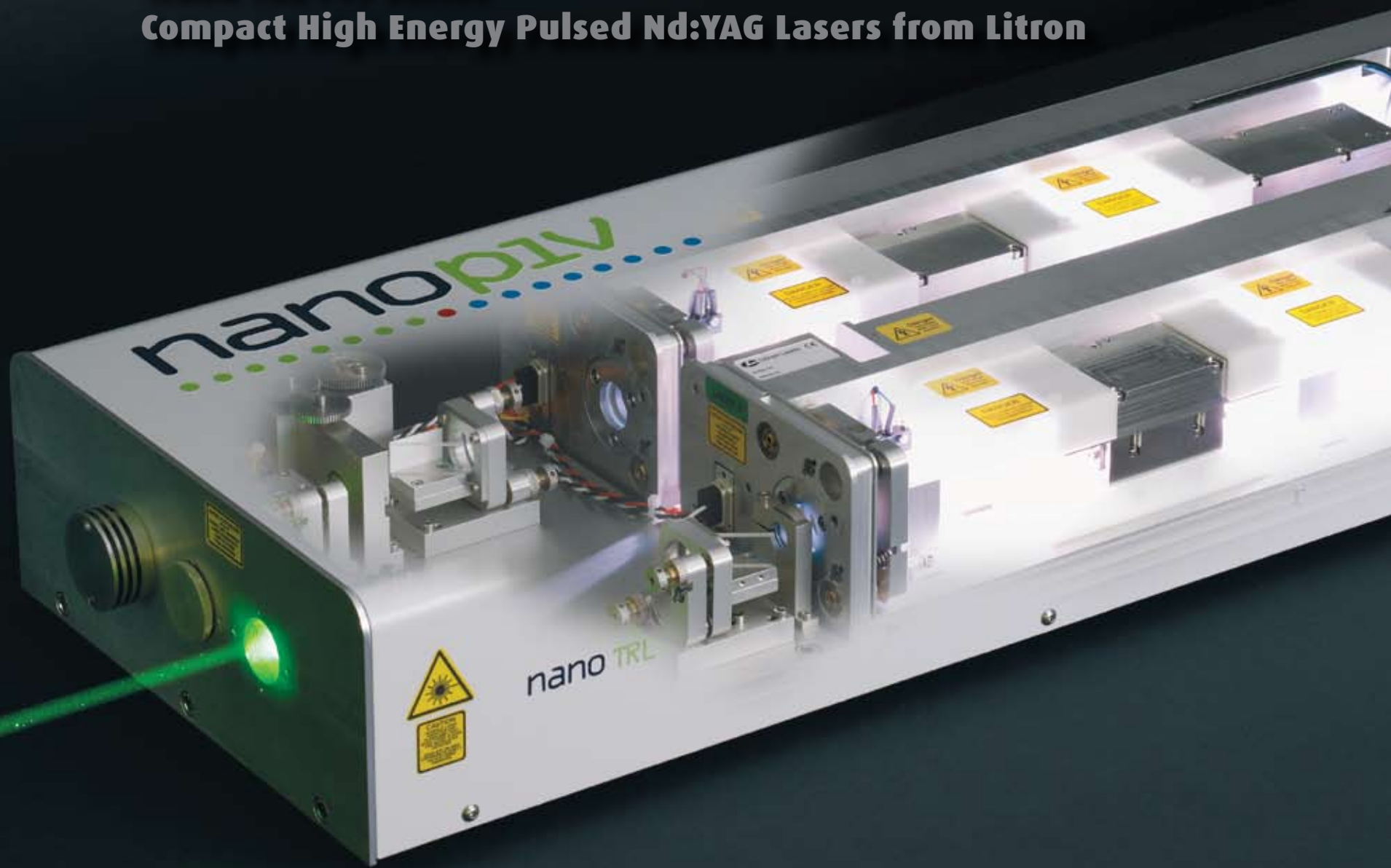


Litron Total Laser Capability

NanoTRL

## Nano TRL PIV Series

Compact High Energy Pulsed Nd:YAG Lasers from Litron



nanopiv

 Litron Lasers

# The Nano TRL PIV Series Lamp Pumped Q-switched Nd:YAG Lasers

## TECHNICAL DATA Nano TRL PIV Laser

Model	Nano TRL 250-20 PIV	Nano TRL 325-15 PIV	Nano TRL 300-20 PIV	Nano TRL 425-10 PIV	Nano TRL 400-15 PIV	Nano TRL 400-20 PIV
Repetition Rate (Hz)	20	15	20	10	15	20
<b>Output Energy per cavity (mj)</b> 532nm	250	325	300	425	400	400
<b>Parameter</b>						
Stability(+/-%)	2	2	2	2	2	2
Beam Diameter (mm)	6.35	8	9.5	9.5	9.5	9.5
Pulse Length (ns)	5-7	5-7	5-7	5-7	5-7	5-7
Pointing Stability (μrad full angle)	100	100	100	100	100	100
M <sup>2</sup> at 532nm	~7	~7	~7	~7	~7	~7
Power Supply	2 x LPU1000	2 x LPU1000	19" Rack	2 x LPU1000	19" Rack	19" Rack
<b>Services</b>						
Power Requirement (VAC)	220-250	220-250	220-250	220-250	220-250	220-250
Cooling	Air	Air	Water	Air	Water	Water

