

# FC1500-Quantum Complete CW Laser System with Optically Referenced Frequency Comb

## Electronics rack

Phase lock loops and drivers for 7 cw-lasers

Phase lock loops for repetition rate & ceo stabilization

Drivers for tapered amplifiers

Drivers for Frequency Comb and comb light amplifiers

Computer

Ethernet Switch

Chiller

## Optics rack

Optical Frequency Comb, amplifiers, frequency conversion and beat detection units. 7 cw lasers, 2 tapered amplifiers, SHG units, monitoring units

fiber coupled optical outputs

## ORS - Ultrastable Laser

Robust telecom-grade laser and high-bandwidth locking electronics

Vacuum system including high finesse cavity

