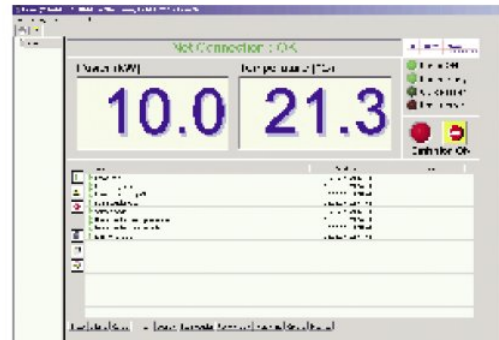
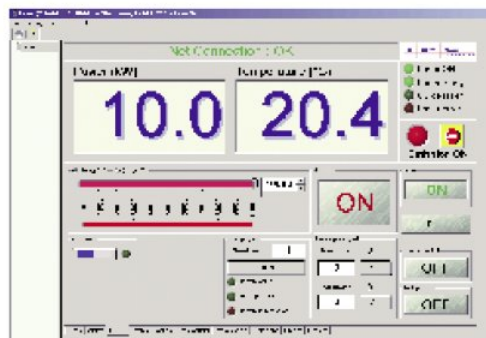


Laser Control Software

IPG fiber lasers feature the most up to date control functions requested by industry. Interfaces such as PROFIBUS, DeviceNet, Industrial Ethernet or simple digital I/O make integration with complex equipment straightforward. All laser parameters and available peripherals such as a multi-channel beam switch, chiller, guide laser, power supply, etc. are constantly monitored and controlled by an internal computer and can be remotely accessed at any time. A convenient graphical user interface can be installed on any customer PC.



In addition, IPG fiber lasers have conventional interfaces such as analog control and direct modulation. Response time to these signals is less than 50 microseconds which is very important for many applications where power has to be adjusted on the fly. Practically any shape of output power can be achieved. Moreover, the laser can store up to 50 different programs with 100 commands each which can be called out simply by the push of a button on a PC or by an external digital signal.

