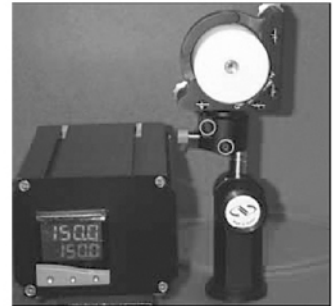


The main feature of our oven is to provide precise temperature control as well as long term stability. It is well suitable for Non-Critical Phase Match (NCPM) application when LBO crystal is used, Optical Parametric Oscillator (OPO) purposes or thermal annealing to prevent photo-refractive damage on PPLN. Our system may also reduce the effect of the grey-tracking in KTP crystals.

The oven can be monitored from the front panel of the temperature controller or through an optional RS-232 interface.



Oven

<i>Model</i>	<i>CLO</i>
<i>Dimension (W x D)</i>	55 x 40 mm
<i>Weight</i>	245 g
<i>Sensor</i>	RTD Pt 100 class A
<i>Working Temperature</i>	from 10°C above RT to 200°C
<i>Cable</i>	enhanced with glass fiber

Temperature Controller

<i>Model</i>	<i>CLTC</i>
<i>Operating Range</i>	RT-220°C
<i>Sensor</i>	RTD Pt 100 class A
<i>Temperature Setpoint</i>	adjustable
<i>Output Cable</i>	single connector 5 pin
<i>Power Supply</i>	110 ~ 240 VAC
<i>Tuning</i>	0.1°C/s to 1°C/s
<i>Resolution</i>	0.1°C
<i>Long Term Stability</i>	better than +/-0.1°C
<i>Power Consumption</i>	5 VA
<i>Maximum Output Current</i>	3.5 A at 240 V
<i>Storage Environment</i>	-10°C to -55°C
<i>Weight</i>	500 g