

Code **	Description, features	Price, EUR
Crystal Ovens for TC1		
<i>For crystal length up to 50 mm</i>		
CO1-50-y/y	Standard crystal sizes *	699
CO1-50-y/z	Custom crystal size	713
CO1-50S-y/y	Sealed, standard crystal sizes *	-
<i>For Brewster-angle cut crystal</i>		
CO1-30BA-y/y	For Brewster-angle cut crystal	719
CO1-30BAS-y/y	Sealed, for Brewster-angle cut crystal	969
<i>For PPLN crystals</i>		
CO1-30PP-y/y	For PPLN crystals	656
Mounting accessories		
<i>Crystal holders</i>		
AD1	Spare crystal holder for CO1-30 oven	98
AD2	Spare crystal holder for CO1-50 oven	116
<i>Mounting stages for crystals ovens</i>		
MS-4	Adapter for CO1 oven mounting on tilt stage. Tilt stage should be ordered separately	-

* Sizes 3×3, 4×4, 5×5, 6×6, 12×12 are standard.

** y/y, y/z – crystal size.

CH3

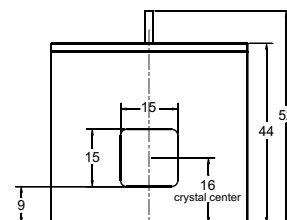
OVEN FOR NONLINEAR CRYSTALS



On request we can manufacture ovens for crystals with aperture up to 60×60 mm or even larger.

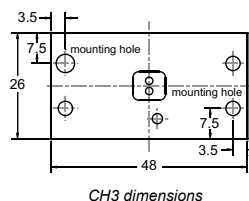
CH3-15 is a compact oven with built-in thermocontroller for temperature up to 60 °C. It is ideal for larger aperture crystals like KD*P. The crystals with up to 15 × 15 mm dimensions can be mounted. CH3-30 model can fit crystals with up to 30 mm length.

Each oven is made exactly for specified crystal, so it cannot be used for different size crystals.



SPECIFICATIONS

Model	CH3-20	CH3-30
Temperature tuning range near preset	± 5 °C	
Maximum crystals dimensions	15×15×20 mm	15×15×30 mm
Preset temperature	30-60 (80) °C	
Long-term stability	± 0.2 °C	
Powering requirements	12-15 V DC	
Power consumption	6 W	
Sensor type	NTC Thermo resistor	
Output connector	Molex 2 pin	
Dimensions, W×H×D	48×44×26 mm	48×44×36 mm



CH3 dimensions

Specifications are subject to changes without advance notice.

Code **	Description, features	Price, EUR
CH3-20 – fixed temperature crystal ovens, temperature tuning range ±5 °K, crystal length up to 20 mm		
CH3-20-y/y-x	Standard crystal sizes *	374
CH3-20-y/z-x	Non-standard crystal size	425
CH3-20-y/y-80	For temperature up to 80 °C	450
CH3-30 – fixed temperature crystal ovens, temperature tuning range ±5 °K, crystal length up to 30 mm		
CH3-30-y/y-x	Standard crystal sizes *	425
CH3-30-y/z-x	Non-standard crystal size	476
CH3-30-y/y-80	Version for temperature up to 80 °C	489
Mounting accessories		
MS-1	Two axis tilt adjustment 5 degrees range, suitable for all types of CH3, CH4 or CH7 crystal ovens	180
MS-2	Two axis tilt stage, adjustment in 5 degree range, fits two pc. of CH3, CH4 or CH7 ovens	310
MS-3	Adapter for CH3, CH4 or CH7 mounting on rotary stage, 15 degrees fine tuning, angle read-out. Rotary stage should be ordered separately	70
Power supply PS-12		
PS-12	Power supply for CH3, CH4 or CH7 crystal oven, 100-240 VAC mains, +12 VDC output	64

* Sizes 3×3, 4×4, ..., 15×15 are standard.

** y/y, y/z – crystal size, x – preset temperature in degrees of Celsius (30-60 °C range).