

Product Center

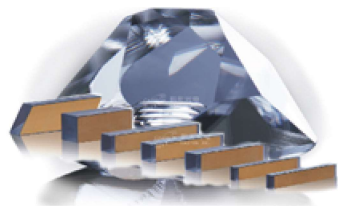
Nonlinear Optical Crystals

Laser Crystals

Birefringent Crystals

Oven+TEC

Recommend Products



High Optical Quality

Widely used in industrial,
military, medical, and R&D areas



Product Center

Nd:Ce:YAG, Yb:YAG, Er:YAG, Cr:Tm:Ho:YAG

CASTON supplies Nd:Ce:YAG (1.064μm), Yb:YAG (1.03μm), Er:YAG (2.94μm), Cr:Tm:Ho:YAG (CTH:YAG, 2.1μm), which extend the limits of the usages of YAG crystals.

Nd:Ce:YAG has appreciably less thermal distortion and its output laser energy is obviously greater (>30%) than that in Nd:YAG at the same pumping level.

Lasing at 1.03μm, Yb:YAG is the most promising laser material and more suitable for diode-pumping than the traditional Nd-doped materials, due to its high doping-concentration, larger absorption bandwidth (~8nm at 940nm) to reduce the thermal management requirements for diode lasers.



Er:YAG is one kind of laser crystal which lases at 2.94μm, widely used medical and dental applications.
CTH:YAG is a new laser crystal lasing at 2.08μm, and applied in medical, meteorology and military areas.

Part Number W(mm) H(mm) L(mm) θ(°) φ(°) Coating Price Add to Cart In Stock

Related products



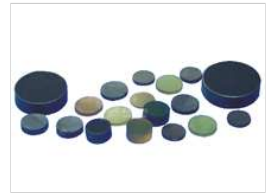
Nd:YAG crystal



Nd:YAG Rods, Disks, Slabs,
Prisms



Continuous-groove,
Concave-surface and
Diffusion-bonding



Cr4+:YAG Crystal

[Back to Products Center>>](#)

71 Fuguang Rd., Fuzhou
Fujian 350014 P.R.China

Tel: +86-591-8399-5661
Fax: +86-591-8362-9871
E-mail: sales@fz-caston.com
Website: www.fz-caston.com

[Home](#)
[Products](#)
[Support](#)
[Contact](#)



Copyright©2008-2013 CASTON Inc.All Rights Reserved