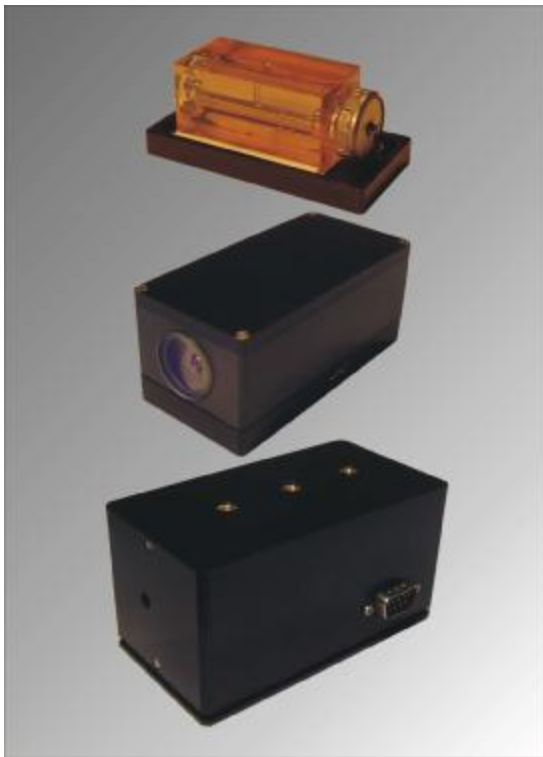
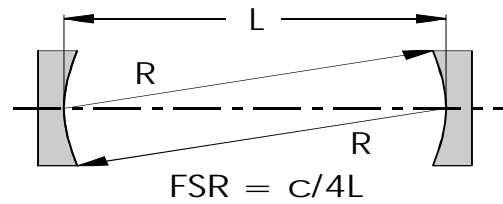


# Thermostabilized Zerodur Scanning Confocal Cavity

- Confocal cavity design.
- Zerodur monolithic spacer.
- Optically contacted fused silica mirrors.
- Hermetically sealed housing.
- Thermostabilization.
- Built-in photodiode.

## TZSCC Driver Specifications

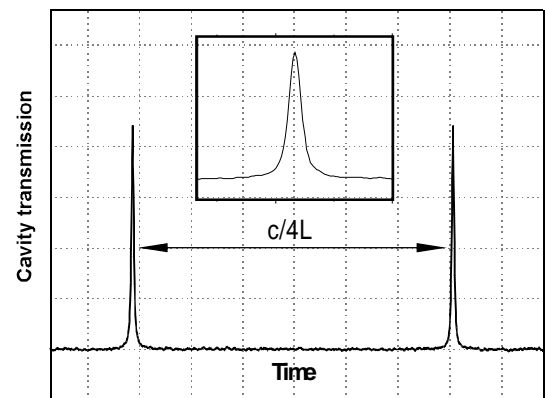
- PZT modulation: triangle
- Output:  $\pm 200$  V
- Scan frequency: line (f), f/2, f/4, f/8
- Temperature controller with output of 1 A.



TZSCC Series

## Applications

1. Laser spectrum analysing.
2. Laser linewidth measurement.
3. Laser frequency stabilization.



## Specifications

$\lambda$	590-690 nm; 770-900 nm	Cavity Length	50 mm
FSR	1500 MHz	Dimensions	110 x 57 x 58 mm <sup>3</sup>
Finesse	> 150 (typical 200)	Operating temperature	Room +/- 6 °C
Resolution	< 10 MHz		