

## Transversely excited atmospheric carbon dioxide laser

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### Abstrak

#### **ABSTRACT**

The construction and excitation circuit of carbon dioxide laser 616 mm long is described. The dependence of the pulse emission energy on the energy supplied to the discharge, the pressure and composition gaseous mixture is presented. The emission energy is 1-2 Joules. The emission pulse is expected to cover range from 100 ns - 200 ns.