

## ON CALIBRATION OF AN EXPLOSIVE-DRIVEN SHOCK TUBE

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The RSFA shock tube III is driven by high explosives, TNT or hexotol (Comp. B). The charge, when detonating, produces a shock wave and hot gases. The pressures in the tube are measured and to some extent separated into two parts: the pressure of the shock wave and the pressure of the hot gases.

A computer program called ENEP was used to compute the pressure in the tube. The pressures obtained in this computation agree well with the measured pressures of the shock wave. The program is not intended to compute the pressures of the hot gases.