ΔΟΚΙΜΑΣΤΙΚΌΣ ΣΩΛΗΝΑΣ ΠΟΥ ΠΑΡΑΓΕΙ ΗΧΌ Riike tube

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The configuration pictured on figure 1 uses a 140 mm long pyrex test tube of 14 mm in diameter. The stack is a 20×40 mm 2 fine steel wool rectangle, cut in a common unrolled steel wool pad. The rectangle is rolled along its width and inserted to three quarters of the length of the tube (i.e. at 4.5 cm of the end). The tube is heated below the end of the stack on the closed side of the tube with a flame, either a lighter or a small spirit lamp. The other side of the stack is maintained at ambient temperature by a soaked paper towel strip rolled around the pipe. A short video clip, showing the fabrication and a run of the engine, has been made available at

https://youtu.be/owbjLWrC86g.

Built with a 14 cm tube, this engine sings at a frequency close to 630 Hz.

1x4 cm² steel wool 14cm test tube 4,5 cmm paper towel

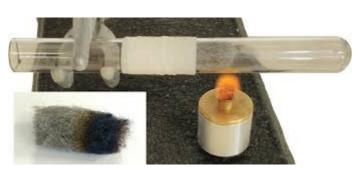


Figure 1