

## MAGNETIC TELETHERAPY PORTABLE MAGNETOTHERAPY DEVICE

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**ABSTRACT** *Low-frequency magnetic therapy is already well established treatment of the vast range of diseases. The impact of low frequency magnetic field on human's and animals' bodies is the subject to research. In many universities and medical centers. A portable microprocessor device "KTM" used in Pulsed Magnetic Field therapy was developed In the Department of Measurement and Diagnostic Systems at the Electrotechnical Institute. Due to the device potential to use it for home therapy treatment there are new capabilities brought out e.g., increased accessibility, prolonged sessions, limited therapy costs, remote patient-doctor communication system. The device can be specified by low manufacturing and exploitation costs. Along with the "KTM" the specialized software for controlling several KTM devices from doctor's office was created.*

**Keywords:** *portable magnetotherapy device low-frequency magnetic field*