

## proton-precession magnetometer

**proton-precession magnetometer** (pro'-ton-pre-cēs'-sion). A type of nuclear resonance magnetometer that accurately measures absolute total magnetic intensity by the use of the precession of protons in a hydrogen-rich liquid (such as water) about the magnetic field direction. Precession frequency is proportional to field strength. See also: *proton-vector magnetometer*.

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