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Magnetometer - an overview | ScienceDirect Topics

Very precise Earth magnetic field measurements in space have been made using fluxgate magnetometers in combination with scalar magnetometers (MAGSAT-Acuna, 1979; OERSTED-Primdahl, 1999; CHAMP-Lühr, 2000) Only a few detailed

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Space Research by Musmann, Dr

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This well known Danish magnetometer is a 3-axis variometer and has a proven track-record at many observatories worldwide. It is easy to set up and operate and has demonstrated baseline stability over decades. Previously offered under the name FGM-FGE, the FGE is assembled and calibrated by DTU Space. More than 250 FGE magnetometers are installed at geomagnetic observatories and variometer stations worldwide.

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based on the theory of
H.Aschenbrenner and G.Goubau
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fluxgates developed by
F.Frster.Already the early
satellites like putnik 3 (Dolginov-
Russia,1958),Mariner 4
(NASA/USA ,1964), the first
German satellite AZUR
(Musmann, 1969) studying the
magnetic fields of the
Earth,Moon,Venus,Mars and other
planets were using fluxgate
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Military applications continue to
be an important market, but
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