



# Application Note PE016

## Deprecated Devices and Their Replacement

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### Development

As manufacturer we are permanently engaged in further development of our products to match the needs of our customers and follow technical possibilities. Small changes are directly integrated into actual standard production. At extensive changes we introduce a new type of instrument which replaces the existing one.

Here we want to give an overview which deprecated models have been superseded by which new instruments.

### Handhelds

In the year 2009 we introduced a new concept in our magnetic field measurement instruments with the Teslameter FM 205 and the plugable active probes. Thus for all applications the handheld instrument FM 205 is used and the probe, which is appropriated for the desired measuring task, is plugged in. The former teslameters with attached probes have their equivalents in the different AS-active-probes.

2012 the hand-held FM 205 had been developed to the Teslameter FM 302. After offering both units at the beginning, the FM 205 had been discontinued due to low demand in 2012.

deprecated unit	replaced by
FM 210-T	FM 302+ AS-NTP 0,6 probe
FM 210-TMs	FM 302+ AS-NTM probe
FM 210-A	FM 302+ AS-NAP probe
FM 210-7T	FM 302+ AS-HAP probe
FM 220	FM 302+ AS-LTM probe
FM GEO-X	FM 302+ AS-UAP probe
FM 205	FM 302

## AS-active-probes

The AS-active-probe AS-NTP-Hot for the temperature range from -40 °C up to +150 °C had been replaced by the AS-NTP-Hot-05 with improved temperature characteristics.

The thin transverse probe AS-NTP with its stiff probe carrier with a thickness of 0.9 mm had been replaced in 2016 by the AS-NTP 0,6 with a thickness of only 0.6mm. Furthermore the probe has a smaller active area and offers better linearity.

deprecated unit	replaced by
AS-NTP-Hot	AS-NTP-Hot-05
AS- NTP-Hot-2	AS-NTP-Hot-05
AS-NTP	AS-NTP 0,6
AS-NTP-Flex	AS-NTP-Flex 0,6

## Desk-top

At the high-precision, temperature stable desk-top instruments we enhanced the Teslameter FM 2002 to the FM 3000 and later to the FM 3002.

In addition the double Teslameter FM 220 / FM 210-12T to measure center field and stray field became the triple instrument FM 0.2T 0.2T 12T

deprecated unit	replaced by
FM 2002	FM 3002
FM 3000	FM 3002
FM 220 / FM 210-12T	FM 0.2T 0.2T 12T