

TACHYMETRE MECANIQUE ATEX

ATEX approved Mechanical Hand-Tachometer HTM

The latest development from RHEINTACHO sees a new version of the popular HTM Tachometer introduced with ATEX certification.

Mindful of the need to operate tachometers in areas where there is sometimes a risk of explosive atmospheres due to either dust particles or gas, our engineers have carried out modifications to enable this version to be certified for use in ATEX zones 1 and 2 without compromising the capability of the original design.

The significant part of the ATEX certification II 2 G D c IIC T4 is the first section which refers to approved for use in Equipment Group II, category 2 for gas and dust atmospheres, in environmental zones 1 and 2. This means that it is suitable in all surface industries where potentially explosive atmospheres



are likely to occur, but not for sub-surface or mining use where there may be firedamp.

As this covers a wide variety of possible industries, it is important to try and categorize them for marketing purposes and to focus campaigns accordingly (please see attached PDF for potential environments/industries for application).

The ATEX HTM measures rotational or linear speed using the special contact adaptors supplied. With no need for

Easily identified by its yellow ergonomically designed casing, the ATEX HTM is available in four models and is supplied in a hard plastic carrying case complete with a set of adaptors:

- HTM-100M (A3-5100): 10 - 10,000 rpm / 1 - 1,000 m/min
- HTM-500M (A3-5500): 30 - 50,000 rpm / 3 - 5,000 m/min
- HTM-100F (A3-5110): 10 - 10,000 rpm / 5 - 5,000 ft/min
- HTM-500F (A3-5510): 30 - 50,000 rpm / 15 - 25,000 ft/min