EXPERIENCE and TECHNOLOGY

FOR GEAR QUALITY CONTROL IN PRODUCTION





M62 OBR

MEASUREMENTS LIST: OBR, ROOT RADIUS, TIP RADIUS, **RUNOUT & CONCENTRICITY**

A simple, contact bench system to control gear teeth parameters with a wide range of retoolability.



M62 OBD

MEASUREMENTS LIST: OBD. ROOT DIAMETER. TIP DIAMETER

Automatic or manual bench system to control gear teeth using calibrated ball contacts or balde with defined geometry.



M62 DOUBLE FLANK MEASUREMENTS LIST: Fi", fi", RADIAL RUNOUT (Fr"), AVERAGE CENTER DISTANCE (Aa"), NICK & OBD*

Standard or fully customized bench system for dynamic inspection of gears and shafts to check funtional parameters in double flank rolling action.



M62 DF + GIMBAL

MEASUREMENTS LIST: HELIX AVERAGE ERROR & TAPER **VARIATION ERROR**

An automatic bench system for the traditional gear roller checks & the additional Lead and Tooth Taper inspection with the integration of a second rolling master mounted on a fork with a gimbal movement capabilities



M62 SINGLE FLANK

MEASUREMENTS LIST: Fis, fi', fl', fe, BACKLASH, NICK, & FFT ANALYSIS.

Automatic or semi-automatic bench system for the Transmission Error inspection in single flank working condition, real working condition.



NVH GEAR

MEASUREMENTS LIST: SINGLE FLANK COMPOSITE **VARIATION & GEAR SPECTRUM**

Measuring machine with solid and robust structure, capable to test gears under high speed and torque conditions. The Noise Vibration Harshness analysis investigates the vibro-acoustical behavior of a single gear component

For a full list of address locations, please consult the Marposs official website

Edition 05/2025 - Specifications are subject to modifications. © Copyright 2025 Copyright Marposs - All rights reserved.

Without prior written consent, this document and its content cannot be used, totally or partially, for purposes different from those expressly allowed.

MARPOSS, @ and other names/signs of the Marposs Group shown therein are registered trademarks or trademarks of Marposs S.p.A. or other companies of the Group in the U.S.A. and other Countries.

Some models of the product line, or parts of them, may be subject to export restrictions if exported outside the European Union or may be subject to restrictive measures adopted by the competent national, supranational or international