

"ALTOP" RPM CALIBRATION TEST RIG, SERIES : ARCAL-8000

RPM Calibration Test Rig is a Multipurpose test rig used to calibrate and test

various type of speed sensor, techo-generators and speed / RPM instruments. The rig comprise of a DC/AC drive with mechanical drive arrangement to the gears to set the rpm of 25%, 50%, 75% and 100% of the rpm available on the AC/DC drive.

Mounting arrangement is

provided to mount the different type of RPM sensors like magnetic sensors, inductive sensors, capacitive sensors, optical sensors, AC techo-generators, DC techo-generators etc. which gives pulses/ current/voltage according to the speed/RPM they sense. The output is measured on a calibrated measuring instruments provided on the test panel of the rpm test rig. To calibrate /test the indicating instruments and standard calibrated rpm sensor is provided to simulate the rpm and measured on the instruments under calibration and then compare the two for calibration. The range available is 60 to 4500 RPM having accuracy of ± 1 RPM.

Additional instrumentation can be provided as per customer requirement measured on a calibrated measuring instruments provided on the test panel of the rpm test rig. To calibrate /test the indicating instruments and standard calibrated rpm sensor is provided to simulate the rpm and measured on the instruments under calibration and then compare the two for calibration. The range available is 60 to 4500 RPM having accuracy of ± 1 RPM. Additional instrumentation can be provided as per customer requirement.



Corporate & Mktg. Office : 165, G.I.D.C. Makarpura, Vadodara 390 010. Tel. : +91 - 265 - 2643550, 2646021
■ Fax : + 91 - 265 - 2641054 ■ E-mail : marketing@altopindustries.com

Factory : 392 , 419-A, GIDC, Makarpura, Vadodara - 390 010.
■ Tel. : 0265-2658480 ■ E-mail : support@altopindustries.com

Mumbai : 5, Turakhia Park, Shopping Complex, Building No. 1,
Next to Corporation Bank, M. G. Road, P.O. BOX No. 7662, Kandivali (W) MUMBAI - 400 067.
■ Tel. : (022) 2806 6032 / 2806 6036 ■ Fax : (022) 2862 9113 ■ Email : bombay@altopindustries.com



ALTOP Industries Ltd.
PROCESS CONTROL INSTRUMENTATION
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<http://www.altopindustries.com>