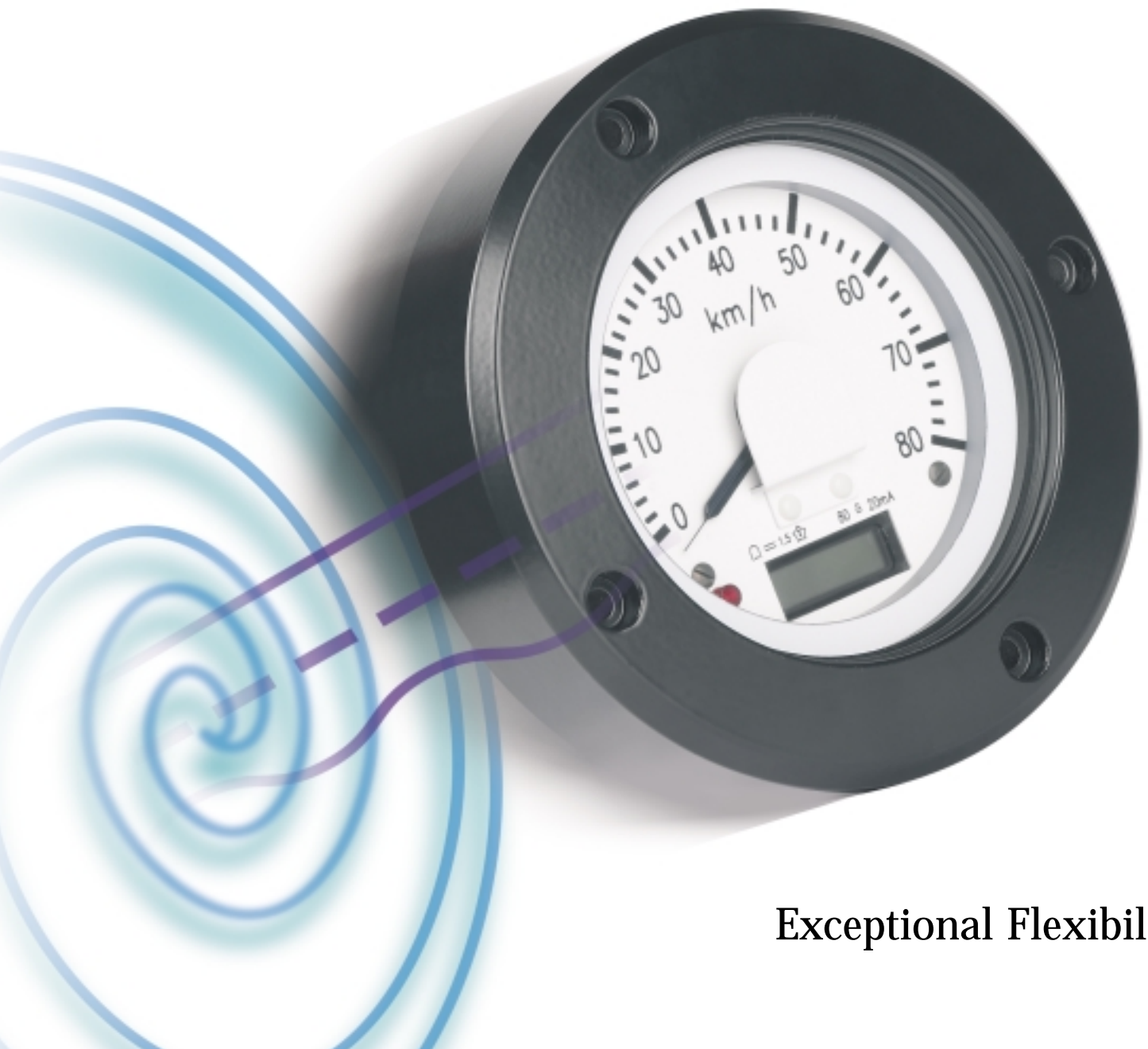




Electrical Tachometers



Exceptional Flexibility



ELECTRICAL TACHOMETER SYSTEMS...

The Foundrometers name has been established for more than 90 years during which the company has earned a reputation for the manufacture of instruments which can withstand harsh operating conditions whilst maintaining accuracy and giving long service. Today, supported by a network of overseas representatives, Foundrometers trades with major concerns and government departments world-wide.

In the year 2000 Foundrometers merged with Rheintacho of Germany to create one of the worlds largest groups specialising in rotational speed measurement and control. Ours is one of the few companies worldwide that manufacture a complete range of speed measurement and control instrumentation to provide a solution to any speed measurement application. From reverse engineering a single obsolete tachometer to the mass manufacture of custom designed sensors.



What is an Electrical Tachometer?

Remote speed measurement and indicating equipment permits information on rotary or linear movement to be transmitted to observation points at almost any distance from the measuring point. An installation typically consists of a speed sensor in the form of a tacho-generator in conjunction with one or several indicators; the elements form a self powered system for which no main supply is required.

Tacho Generators, Alternators, Single Phase, Three Phase, AC or DC Instruments



Direct and Remote Coupling

The company manufactures a comprehensive range of tachotransmitters with a variety of mounting arrangements and outputs. This range is fully complimented by an extensive range of connection, coupling accessories and mechanical interface components, i.e. gearboxes, sprockets etc.



www.rheintacho.de

Comprehensive options to give tailored solutions.

Analogue Indicators



Huge Variety of case sizes, mounting styles and options.

Will accept most standard input signals either from our own transmitters or others. The company also manufactures signal conditioning relays to convert existing sensor outputs into acceptable inputs for our indicators.

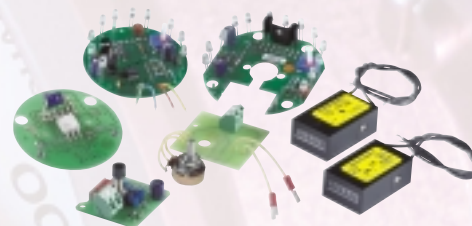
Any dial

The dials can be marked in any engineering units, i.e. r.p.m., km/h, sheets per hour, baking time etc. Coloured sectors, symbols or customers own logo.



Host of internal options

The instruments can be fitted with internal illumination, trimming potentiometers, L.E.D. arrays, counters either mechanical or electronic. Outputs, contacts etc.



Any Electrical Connection

From simple post terminals to waterproof junction boxes.



Rheintacho Group

A flexible, highly-efficient partner wherever speed must be measured, monitored or controlled. Innovation, the most modern production techniques and equipment, meticulous quality control along with a first-class workforce are the corner stones of our group.

For the past 100 years, we have used our extensive knowledge and experience to develop sensors, systems and customised solutions to meet our customer's requirements in a professional, cost-effective manner. Shown on the right, are several other products from our complete product range.



Non-contact speed sensors

These enable speeds to be read with the highest accuracy in the most severe environment. Depending on the application, we can offer sensors with various measurement principles in a wide variety of styles and connection types.



Hand-held instruments

Our tried and tested hand-held instruments record rotational speeds and running length. There is a choice of non-contact measurement by means of light and a reflective mark applied on the object to be measured, or contact measurement with special attachments for various applications.



Other Hand-held instruments

Our new hand-held stroboscope measures and tests rotational and vibrational movements even in places which are difficult to access. It does this without any encroachment whatsoever in the system to be tested. When the displayed strobe frequency equals the true speed, the moving part will appear stationary.



Speed Monitor

The programmable speed monitor observes the movement of motors, machines, and systems. Because of its variety of functions and its variable programmable options, the speed monitor is flexible enough to fit in with various system requirements.



Eddycurrent Tachometers

Direct mounting to give indication at point of measurement. A complete range of sizes and mounting styles.

Ideal for inexpensive local indication and in areas where electrical supply is not available or dependable, or where electrical installations create certification requirements (i.e. explosive atmospheres).

