Ryme **worldwide**

Ideal for testing and determining the status of the taximeter, speedometer and tachograph. Quantifies the time, the distance travelled and the price of the journey made.

The speedometer compares the speed indicated by the technician (when the responsible record the speed) and the real, finding the difference between both in %. The tachograph test of the record the distance indicated by the technician and the real travelled by the vehicle, also finding the difference between both in %.

Taximeter test identifies the error in the collection, according to current fares, marking in red if the value is outside the parameters.

The measurement system is based on a high-resolution encoder and incorporates a photocell to calculate the error introduced by the deformation of the tires.

Update fares with password validation

Max load per axle	**16** Tn
Test speed	**0-120** km/h
Maximum Track Width	**2.635** mm.
Minimum Track Width	**805** mm.

Electronics

Latest generation processor
New high-speed processor Increase the response and process of each vehicle test

RS-232

Ethernet

Connections
Ethernet (TCP-IP) / RS-232 connection on the main board

ANTES
AHORA
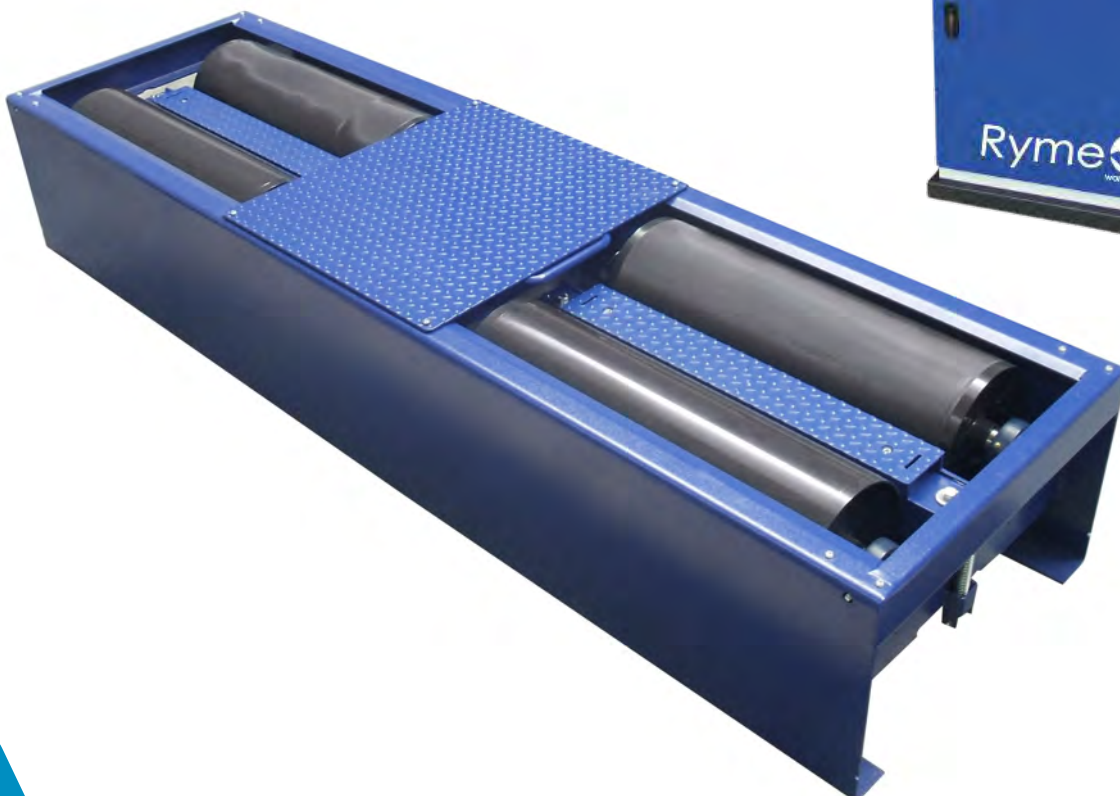**RAM memory**
New memory 16 times faster

ANTES
AHORA
Flash Memory
New memory 4 times faster

Modular System
All electronics are expandable. Specially designed for automotive and vehicle inspection centers

Ryme worldwide

Standard Equipment

- Speedometer frame universal.
- Electronic control & software
- Control cabinet
- Roller covers platform
- Remote control for test control
- Lifting system to help exit the vehicle, with braking rollers system incorporatedand pneumatic operation.

Software

- Measurement of speed, time and space
- Measurement of effective wheel circumference with correction factor
- Sending and processing data and graphics in real time
- Possibility of sending encrypted data to the server using the AES encryption method (Advanced Encryption Standard)
- 100% compatible with management systems and databases
- Assigning permissions to different user levels
- Possibility of assigning the results obtained to a vehicle plate before or after each test
- Customization of the test duration to the minimum and/or maximum time to optimize working time
- Intuitive, simple and fast configuration software
- Graphical and numerical display of results
- Very intuitive control software guided by graphic icons
- Common database (on network as well as in local mode) that's allows us to save all client and vehicle data and have easy access to them to be able to make comparisons between old and new tests.
- Customized advertising on screen
- Measurement of speed, time and space
- Ethernet communication (TCP-IP protocol)
- Maximum speed measurement for a configurable time
- Maximum speed measurement in less than a minute if before 60 km / h + error is exceeded (configurable values).
- Total configuration of parameters in speed and test time
- Programmable speed limit values (manual or automatic transmission)
- Database that allows to store cards with customer and vehicle data. All tests are registered and easy to search.
- Translation module through which the user can translate the program into their own language
- Automatic test start at a configurable speed
- Software for automatic operation

Mechanics

Epoxy Paint
Powder-coated finish ensures optimal and long-lasting protection

Perfect Fit Assembly
Mechanical design using Perfect-Fit, which guarantees the assembly and perfect final finish on all our equipment

High adherence rollers
Roller coating with our own technology, which provides optimal adhesion even in adverse conditions and high durability

Strongest Gearmotors
Tested for durability to ensure optimum performance

Software adaptations
Possibility of analysis and study, under budget, for adaptation to new regulations in any region and/or country

Software

More Productive
Repetition of partial tests

Safer
Ryme application can encrypt data, make them safer

More Intuitive
Incorporation of graphic icons. RYME applications share the same menus..

More Compatible
Compatibility with more than 95% of the database management systems on the market today, ORACLE, SQL SERVER, Postgre, SQLite, etc. OS support for 32 and 64 Bits and with Android, Windows...

Online support
Possibility of remote connection from our technicians with your equipment
Consult conditions

More Reliable & Precise
Improvement in the process of calibrating the main board Allows the adjustment of the weighing and force calibration to very precise values.

Ryme worldwide

Technical Data

Maximum axle load	16 Tn.
Track width min. / max.	805 / 2.635 mm.
Test speed	0-120 km/h
Range of measurement	0,1 m.
Roller locking system	Pneumatic
Voltage (Monophase)	230 v. - 50 Hz
Roller length	900 mm.
Rollers diameter	318 mm.
Wheelbase Roller	456 mm.
Connections	TCP IP

Taximeter

- Drag test schedule.
- Drag kilometer test.
- Test up to six different fares.
- Test Storage in database.

Tachometer / Speedometer

- Testing and evaluation of results in different paths / speeds.
- Test Storage in database.

Dimensions

Bench dimensions	3.180 x 840 x 516 mm.
Packed bench dimensions	3.180 x 850 x 690 mm.
Bench weight	1.130 Kg
Packed bench weight	1.300 Kg

Cabinet dimensions	720 x 420 x 1.850 mm.
Packed cabinet dimensions	800 x 600 x 1.580 mm.
Cabinet weight	80 Kg
Packed cabinet weight	100 Kg

Optional Equipment

		Multi-function wireless device, keyboard, mouse and remote control
	GEN-EIN	Computer equipment
	GEN-IMP	Printer
	GEN-TD	Data display terminal
	GEN-STD	Second Data display terminal
	GEN-EST	Voltage Stabilizer
	RY-400	Tacographs speed limiter / tester
	GEN-4WP	Free rollers portable for front axle traction vehicle

	GEN-4WO	Free rollers portable for front axle traction vehicle
	VTL-BOC	Civil work frame
	GEN-SSA	Software for sending encrypted and non-encrypted measurements that guarantees the saving of the results of each test and their sending to the management program even in possible power cuts or other...

Optional cabinet

	GEN-MC	PREMIUM CABINET Cabinet only Dimensions: 730 x 600 x 1.800 mm.