



## •)) RACETIME2

### THE IDEAL INSTRUMENT

As well as allowing professional timing of all sports competition, the thoroughly tested and proven **RACETIME2** offers an ideal instrument for fully satisfying needs connected with preparation in the world of competitive sport (training sessions, materials testing, etc.).

**RACETIME2** is a complete instrument which, thanks to powerful software, can be used for various applications.

Its small size and anatomic shape make **RACETIME2** an instrument that is easy and practical to use.

The function keys and the guide messages that appear on the alphanumeric display provide a simple user-instrument interface so learning to use it takes only a short time.

The wide range of software programs available and the possibility of immediately printing start lists and finish rankings (on the detachable printer) and of interfacing with PC and displayboards guarantee professional use of the device in every sport discipline.

## TESTED AND FOUND A WINNER

The instrument's reliability, even in extreme climatic conditions, is guaranteed by the wide temperature range in which its components can operate and by "smart" recharge management. At every moment, the display shows the various phases of the recharge process, guaranteeing correct operation. The built-in batteries guarantee continuous functioning of over 12 hours, even at low temperatures.

**RACETIME2**, in combination with the LinkGate system, is also able to receive start, intermediate and finish impulses via radio with maximum reliability, freeing the operator from the need to use connection cables. But that is not all... it is also possible to acquire 16 passing speeds via radio from as many timing areas, thus moving freely along the course.





## PROGRAMS AVAILABLE

### Training light

Specially designed for training sessions and small races. Using it is so simple that it allows completely automatic timing. All the times are taken, stored and printed without any manual intervention.

### Basic timing

Countdown management, carving competition management, optimal for display of lap times.

### Single starts

### Group starts

### Materials testing

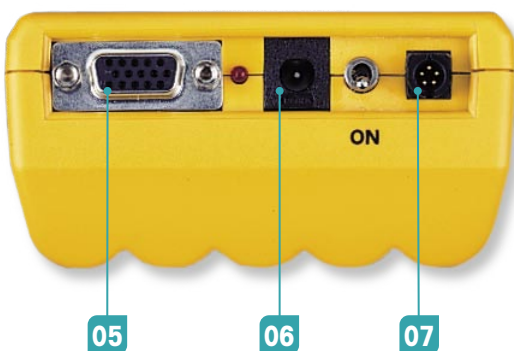
With the acquisition of speeds, and data such as snow and air temperature and air humidity

### Parallel slalom

### PC on-line for real-time transmission of data to PC

### Programs for the management of show jumping competitions

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- 01 Alphanumeric display, 4 lines of 20 characters, that functions perfectly even at -20°C
- 02 Function keys for accessing options on the screen
- 03 Key for deactivating timing lines
- 04 Detachable printer
- 05 Connection for start, stop and lap inputs, for connection to PC and to temperature and humidity sensors
- 06 External power supply and battery charge sockets (built-in recharge control)
- 07 Connection to Linkgate DecRadio



## RACETIME2 - TECHNICAL DATA

|                               |   |
|-------------------------------|---|
| <b>Weight</b>                 | 595 kg, including batteries (stopwatch 420 gm, printer: 175 gm)   |
| <b>Dimensions</b>             | 114 x 245 x 57 mm (h x w x d) (stopwatch: 90 x 170 x 47 mm, printer 114 x 120 x 57 mm)  |
| <b>Time measurement unit</b>  | Selectable 1 s – 1/10s – 1/100s – 1/1000s<br><ul style="list-style-type: none"> <li>• Speed: selectable m/s – km/h – mph – knots</li> </ul>   |
| <b>Resolution measurement</b> | $3.47 \times 10^{-5}$ s (1/28800 s)   |
| <b>Display</b>                | Alphanumeric display, 4 lines of 20 characters each<br><ul style="list-style-type: none"> <li>• Character size: 5 x 3 mm</li> </ul>   |
| <b>Time base</b>              | 14.7456 MHz quartz, stability $\pm 5$ ppm between $-20^{\circ}\text{C}$ and $+50^{\circ}\text{C}$   |
| <b>Precision</b>              | $\pm 0.085$ s/day for external temperatures between $-20^{\circ}\text{C}$ and $50^{\circ}\text{C}$  |
| <b>Operating temperature</b>  | $-20^{\circ}\text{C}$ / $+70^{\circ}\text{C}$   |
| <b>Power supply</b>           | Internal NiMh batteries; c.c. 9-20V external power supply   |
| <b>Battery recharge</b>       | Built-in "smart" recharger (automatic discharging/recharging, double control of charging)   |
| <b>Autonomy</b>               | >7 hours at an average print rate of 1 time every 20 seconds  |
| <b>Microprocessor</b>         | 16-bit 3 C-MOS microprocessor   |
| <b>Printer</b>                | Detachable, impact dot<br><ul style="list-style-type: none"> <li>• 16 characters per line</li> <li>• Speed: about 1 line/s</li> <li>• Works with normal paper</li> </ul>  |
| <b>Keyboard</b>               | Start-Stop-Lap-Aux keys<br><ul style="list-style-type: none"> <li>• Numerical keyboard</li> <li>• 4 control keys</li> <li>• Key for disabling inputs</li> </ul>   |
| <b>Connections</b>            | Connections on 15-pole multifunctional socket<br><ul style="list-style-type: none"> <li>• Start, stop, lap and auxiliary signal inputs</li> <li>• Output + 5V stabilized for powering external devices</li> <li>• RS 232 serial input/output for connection to alphanumeric displayboards and PC</li> <li>• 3 analogical inputs for connection of sensors for air temperature and humidity and snow temperature. 5-pole socket for connection to Microgate LinkGate radio transmission system. Input for external power supply and/or battery recharge</li> </ul> |