## 3. Analytical measurement and testing

Timing/ Timers

1


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| LLG-Short period timer with alarm |  |  |  |
| :---: | :---: | :---: | :---: |
| Easy-to-use combination timer and stopwatch, with large display and alarm function from/up to 99 min . and 59 sec . With magnet for easy fixing. Battery LR 44 inclusive. |  |  |  |
| Dimensions ( $\varnothing \times \mathrm{H}$ ): Weight: | $54 \times 16.5 \mathrm{~mm}$ approx.40g |  |  |
| Type |  | PK | Cat. No. |
| LLG-Short period timer with alarm |  |  | 9.260150 |



## 3 LLG-Timer pro

The LLG-Timer pro can be used simultaneously as real time clock and timer. The countdown timer also runs when time is visible.

- Big 6-digit LCD display
- Digital stopwatch (counting up)
- Short timer (counting down)
- With memory function
- Stopwatch and countdown up to 23 h 59 min. 59 sec .
- Optical and acoustic alarm when timer expires
- Incl. magnet for mounting, hanging bracket and stand (fold-out)

| Dimensions (W $\times \mathrm{H} \times \mathrm{D}$ ): | $82 \times 68 \times 20.5 \mathrm{~mm}$ |
| :--- | :--- |
| Weight (with battery): | 82 g |
| Power supply: | $2 \times$ AAA 1.5 V (not included) |
| Warranty: | 12 months |


| Type | PK | Cat. No. |
| :--- | ---: | ---: |
| LLG-timer pro | 1 | 6.311351 |



4 LLG-Dual-Timer, 2-channel
The LLG-Dual-Timer offers two separate timers in one instrument. One fixed time can be stored per channel.

- Big 6-digit LCD display
- Digital stopwatch (counting up)
- Short timer (counting down)
- With memory function
- Stopwatch with tenths of a second
- Stopwatch and countdown up to 99 h 59 min. 59 sec
- Optical (red LED) and acoustic alarm (2 volume levels), when timer expires
- Incl. magnet for mounting, hanging bracket and stand (fold-out)

Dimensions (W x H x D): $\quad 97 \times 79 \times 21 \mathrm{~mm}$
Weight (with battery): $\quad 95 \mathrm{~g}$
Power supply: $\quad 2 \times$ AAA 1.5 V (not included)
Warranty: 12 months

| Type | PK | Cat. No. |
| :--- | :--- | :--- |
| LLG-Dual-Ttimer | $E \& O E$. | 1 |

## 1 LLG-Timer Triple pro

NEW
1


| Dimensions (W x H x D): | $68 \times 88.7 \times 16.2 \mathrm{~mm}$ |
| :--- | :--- |
| Weight (with battery): | 87 g |
| Power supply: | $2 \times$ AAA 1.5 V (not included) |
| Warranty: | 12 months |


| Type | PK | Cat. No. |
| :--- | ---: | ---: |
| LLG-Timer Triple pro | 1 | 6.313 417 |

## 2 LLG-Timer with Triple Alarms, 1-channe

2
Choice of vibration, sound and/or light alarms makes this timer perfect for high noise locations.

- Vibration, light and loud buzzer sound alarms can function at one time, or be independently turned off
- Maximum run time: 19 hours: 59 minutes/99 minutes: 59 seconds;
- Timer accuracy: $\pm 7$ seconds/day
- Count direction: up/down; displays elapsed time after countdown
- Last time set memory
- Key press confirmation feature gives an audible indication of data entry
- Lay it flat on a bench, use the flip-open stand for a vertical view, carry it on a lab coat with the convenient pocket clip, or use the magnetic back for metal surface attachment
- Requires two AAA batteries (included)
- Individually tested, inspected, and calibrated using NIST
- Includes Certificate of Calibration with unique report number, stated corrections and standard used for the calibration, and multi-language instructions (English, French, German, Italian, Portuguese and Spanish)

Dimensions (W x H x D): $\quad 45 \times 75 \times 20 \mathrm{~mm}$ (without clip portion)

| Type | PK | Cat. No. |
| :--- | ---: | ---: |
| LLG Timer with Triple Alarms, 1-channel | 1 | $\mathbf{6 . 2 6 6 7 0 7}$ |

## 3 LLG-Timer with White Board, 4 channel

This four-channel timer has a built-in white board that helps keeping track of time and other critical information.

- Audible alarm for each channel
- Built-in white board and dry erase marker with eraser tip (included) helps keep track of crucial information
- Programs: hours/minutes; Displays: hours/minutes/seconds
- Maximum run time: 23 hours: 59 minutes
- Timer accuracy: $\pm 5$ seconds/day
- Count direction: up/down; displays elapsed time after countdown
- Last time set memory
- Key-press confirmation feature gives an audible indication of data entry
- Lay flat on a bench, use the flip-open stand for a vertical view, or use the magnetic back for metal surface attachment
- Requires two AAA batteries (included)

ndividually tested, inspected, and calibrated using NIST
- Includes Certificate of Calibration with unique report number, stated corrections and standard used for the calibration, and multi-language instructions (English, French, German, Italian, Portuguese and Spanish)

Dimensions (W x H x D): $\quad 114.3 \times 88.9 \times 25.4 \mathrm{~mm}$

| Type | PK | Cat. No. |
| :--- | ---: | ---: |
| LLG Timer with White Board, 4 channel | 1 | $\mathbf{6 . 2 6 6 7 0 6}$ |



| 1 Interval timer with alarm |
| :--- |
| Benchtop mectanical timer. Suitable for standing, hanging and in addition on the back of two magnets, which allows the <br> fitting of metal parts. Casing and rotary setting knob are white, the dial is black. Running time max. 60mins. Metal <br> movement. <br> Dimensions (W $\times \mathrm{H} \times \mathrm{D}$ ): $\quad 70 \times 70 \times 40 \mathrm{~mm}$ <br> Type |
| Interval timer with alarm |


2 Short period timer Timer II
Electronic timer and stopwatch with large display and 10-key setting. Counts up or down from 10 hours to 1 second. With pocket clip, bench stand, magnetic attachment and AAA 1.5 V battery.

Dimensions (W $\times \mathrm{H} \times \mathrm{D}$ ):
$60 \times 70 \times 25 \mathrm{~mm}$
Weight: 95 g

| Type | PK | Cat. No. |
| :--- | ---: | ---: |
| Timer II | 1 | 9.851027 |

3


| $3 \quad$ Electronic timer clock |  |  |
| :--- | :--- | ---: |
| Count down/count up timer with loud alarm signal at end of timed period. With Clock, <br> Stopwatch and Memory functions. Timer up to 24 hours. Fittings: magnet, stand and <br> clip. With battery. <br> Dimensions $(W \times H \times D):$ <br>  <br> Type $68 \times 53 \times 20 \mathrm{~mm}$ | Amarell |  |
| Electronic Timer Clock | PK | Cat. No. |



| 4 3-channel-short period timer |  |
| :---: | :---: |
| Indispensable for laboratories. Triple timer with large display. <br> - Indicates three separate times simultaneously, Measuring range: 1sec to 20hours <br> - Stopwatch function <br> - Integrated quartz watch <br> - Supplied with magnet and clip <br> - Operating temperature: 0 to $50^{\circ} \mathrm{C}$ <br> - Battery 1.5V AAA inclusive | Dostmann electronic |
| Dimensions (W x H x D): $71 \times 88 \times 24 \mathrm{~mm}$ <br> Weight: 115 g |  |
| Type | PK Cat. No. |
| 3-channel timer | 16.233690 |

## 5



## 5 Laboratory Short period timer Compact

Compact.
Hanhart
Countdown/Countup.
Digital reading, with alarm and repeat function.
12 hr . clock function.
Countdown and countup display: 23hrs, 59mins, 59 secs.
Battery SR 44 inclusive.
Dimensions ( $\mathrm{W} \times \mathrm{H} \times \mathrm{D}$ ):
$64 \times 60 \times 16 \mathrm{~mm}$
Weight:
40 g

| Type |  |  |
| :--- | :--- | ---: |
| Compact | $E \& O E$. | PK Cat. No. |
| $1 \quad 9.262071$ |  |  |

## 3. Analytical measurement and testing Timing/ Timers-Clocks

## Crown stopper, mechanical

Impact resistant, dustproof and water resistant.
With diamond-turned metal case. 55 mm diameter. Built-in strap ring.

| Type | Measuring capacity <br> hr: $\boldsymbol{\operatorname { m i n } : ~ s e c ~}$ | PK Cat. No. |
| :--- | :--- | ---: | :--- |
| Crown stopper 1/5 s | $00: 30: 00$ | 19.2620051 |
| Crown stopper 1/10 s | $00: 15: 00$ | 19.262010 |

## Stopwatch Amigo, mechanical

Impact resistant. Unbreakable spring movement. 55 mm diameter ABS case.
Hanhart Supplied with 120 cm lanyard.

| Type | Measuring capacity <br> hr: min: sec | PK Cat. No. |
| :--- | :--- | :--- |
| Amigo $1 / 5 \mathrm{~s}$ | $00: 30: 00$ | 1 |
| Amigo $1 / 10 \mathrm{~s}$ | $00: 15: 00$ | $\mathbf{9 . 2 6 2 4 1 1 2}$ |

3 Stopwatch, digital
1/100 seconds, split time, clock, date with weekday, hourly chime, alarm with snooze TFA Dostmann function, lanyard.
Measuring range: Time up to $23 \mathrm{~h}, 59 \mathrm{~min}, 59 \mathrm{sec}$. Dimensions (W x H x D): $65 \times 79 \times 21 \mathrm{~mm}$, weight: 50 g , incl. $1 \times 1.5 \mathrm{~V}$ LR44 battery, EK-EL

| Type | PK | Cat. No. |
| :--- | ---: | ---: |
| Stopwatch | 1 | 9.851018 |


| Stopclock, analogue, Mesotron |  |  |  |
| :---: | :---: | :---: | :---: |
| Quartz-accurate timer with large, analogue display. |  |  |  |
| Dimensions ( $\mathrm{W} \times \mathrm{D} \times \mathrm{H}$ ): Weight: | $\begin{aligned} & 130 \times 40 / 95 \times 175 \mathrm{~mm} \\ & 375 \mathrm{~g} \end{aligned}$ |  |  |
| Type |  | PK | Cat. No. |
| Mesotron |  | 1 | 9.262080 |

- Analogue display with second hand
- Digital display of date
- Large dial
- Ideal for home, office, waiting room, lobby or entrance hall and as a gift
- Ø 300mm
- Battery included 1.5 V AA

| Type | PK | Cat. No. |
| :--- | :--- | :---: |
| Radio controlled wall clock | $E \& O E$. | $\mathbf{9 . 8 5 1} 019$ |
|  |  |  |

4

9.262005


9262411

3


$\Lambda R \Lambda$
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