

# OTTO OTTO OTTO



## swimsportec

division

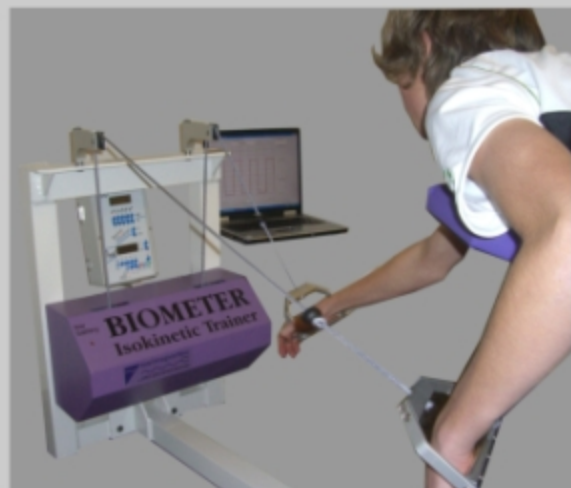
by OTTO OTTO GmbH Germany

## Swimsport Products



directly from manufacturer

**Otto Otto GmbH** D- 31137 Hildesheim  
fon: +49 512142255 fax : +49 512125512  
mail@swimsportec.de www.swimsportec.de



## SwimAnalyzer Software:

Art. No. SP00005000

Software for:  
 BIO METER  
 BIO SWIMBENCH  
 BIO MONO GYM  
 Swim Force Test- and Trainings-System  
 Speedometer  
 for capturing and analysis of:  
 Force/Time, resp.  
 Speed/Time charts incl.  
 Databox for using MS Windows computer



## BIO METER

Art. No. SP00003000

Since many years established instrument for performance diagnosis and special training.

The integrated force sensor finds out basic data for a very detailed analysis and an electronic controlled resistance unit generates the unique isokinetic force progression.

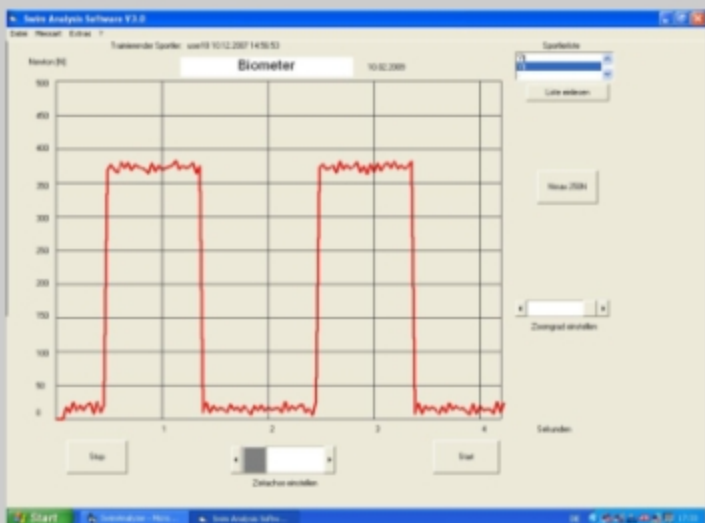
The plotting unit shows alternatively force, work, power, frequency or extension length.

The integrated memory can be read out with a printer after the exercise unit

and shows the swimmer directly the result of his practise and his standard of performance.

Force progression can be shown, stored and compared online on the computer with the optional Swim Analyzer Software.

The Bio Meter will be delivered complete with ropes, paddles and cushion-frame-bench.



## BIO SWIMBENCH

Art. No. SP000002000

Isokinetic bench for training with electronically controlled resistance unit.

Very easy handling. 10 speed grades selectable.

Force is indicated in Nm.

Integrated computer output for using the optional Swim Analyser Software or a recorder.

Bio Swimbench will be delivered complete with ropes, paddles and cushion-frame-bench.

After a short installation the training can begin.

**Otto Otto GmbH** D- 31137 Hildesheim  
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# OTTO

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## Speedometer

Art. No. SP00006500



Easy portable instrument for exact measurement of speed in water.

Put it only on the starting block, hook the rope in the light belt and start swimming.

With a specific generator the speed of the rope will be changed in an analogue signal which can be seen directly on a plotter or with the optional SwimAnalyzer Software on PC.

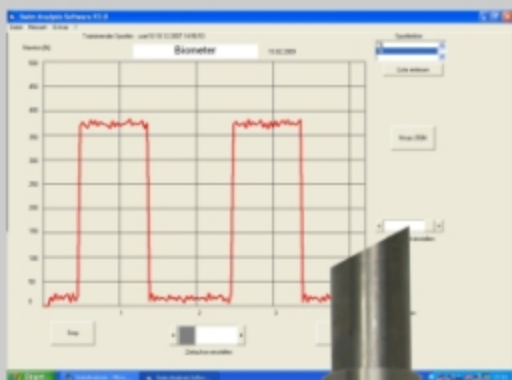
27 m extension length. Quick rewinding of the rope per pushing a button.

Complete with installed battery, charger, rope and swim belt.



## SwimAnalyzer Software

Art. No. SP00005000



## Swim force test

Art. No. SP00006000

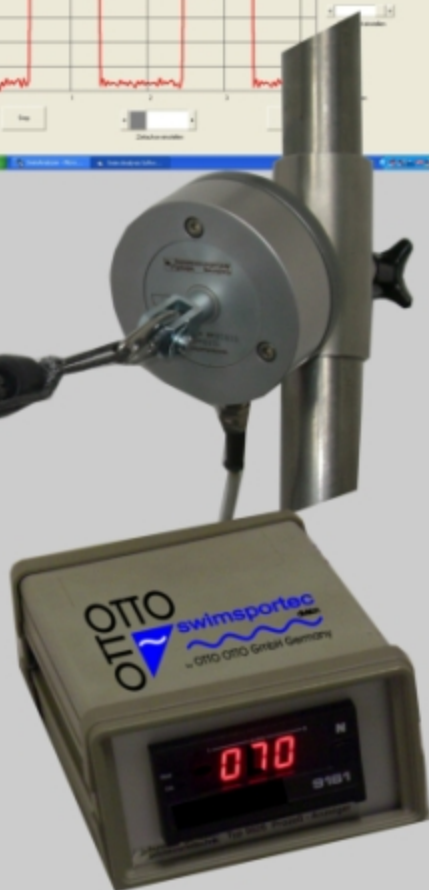


High-precision Force measuring unit for determination of driving force in water.

For fixing on a starting block or with a height adjustment for 42mm ground sleeve (optional).

Battery controlled analysis unit with maximal-value-memory, limit value and analogue output for signal transmitter, recorder or software (optional). The force progression can be observed directly by the trainer. Resistant up to 200da N.

Complete with battery, charger, shock-absorber, 12m special Kevlar-Rope, swim belt, analysis unit and force load cell.


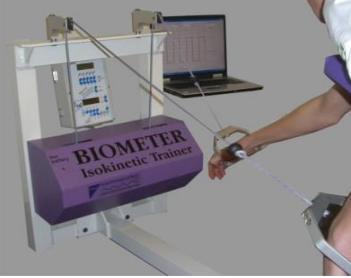
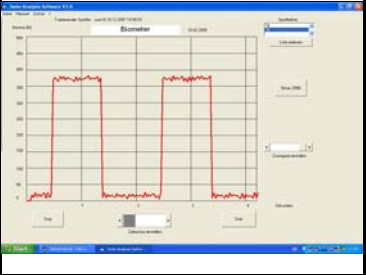







Fastening / height adjustment

Art. No. SP00006050

**Otto Otto GmbH** D- 31137 Hildesheim  
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mail@swimspotec.de www.swimspotec.de

## article list 1/09

article	picture	Art. No.	
<p><b>Bio Swimbench</b> Biokinetic Trainer incl. 2 paddles &amp; frame</p>		SP00002000	pc.
<p><b>Biometer</b> Isokinetic Trainer incl. 2 paddles &amp; frame</p>		SP00003000	pc.
<p><b>Bio Mono Gym</b> incl. 1 paddle, for wall mounting</p>		SP00004000	pc.
<p><b>Wall mounting</b> f. Bio Mono Gym stepless adjustable</p>		SP00004020	pc.
<p><b>Packing</b> Bio-Swimbench / Biometer</p>		S000000198	pc.
<p><b>Swim Analyzer Software</b> for: Biometer Swimbench Bio Mono Gym Speedometer swim force test incl. (Databox) CD for MS Windows Systems</p>		SP00005000	pc.
<p><b>Spring</b>; 1 Set = 2 pieces ( 1x black 1 x white )</p>		M000000084	Set
<p><b>Paddle</b></p>		7050211009	pc.
<p><b>Pulleys</b> for Biometer and Swimbench</p>		7050211008	pc.

article	picture	Art. No.	
<p><b>Swim force test system</b>  compl. with:  rope and shock absorber,  swimbelt, display unit, load cell unit,  battery pack, case</p>		<p>SP000006000</p>	<p>pc.</p>
<p><b>Fastering</b>  height adjustment  with 1.2 m stainless tube 40 mm diam. for use in  a ground sleeve.</p>		<p>SP000006050</p>	<p>pc.</p>
<p><b>Swim-Speedometer</b>  compl. with:  battery, charger, swimbelt, softcase</p>		<p>SP000006500</p>	<p>pc.</p>
<p>ex works, ex packing, payment in advance</p>			
<p><b>Otto Otto GmbH - Bergsteinweg 9 - 31137 Hildesheim - +49 512142255 - mail@swimspotec.de</b></p>			

## Trainings - Uhren

**mobil `M`**  
( Best. Nr.: SP00007000 )



Einfache Trainingsuhr, 70 x 70 cm, mobil einsetzbar, mit eingebauter Batterie. Aluminiumgehäuse mit bruchsicherer Frontscheibe. Anzeige von Minuten und Sekunden. Sponsorenwerbung auf dem Ziffernblatt möglich.



**mobil `S`**  
( Best. Nr.: SP00007003 )

Einfache Trainingsuhr, 70 x 70 cm, mobil einsetzbar, mit 24 Volt Steckertrafo und 20 m Kabel. Aluminiumgehäuse mit bruchsicherer Frontscheibe. Sekunden-Anzeige. Alternativ mit vierfarbigem Zeigerkreuz. Sponsorenwerbung auf dem Ziffernblatt möglich.

70



90



110



**Großuhren** im Format 70x70, 90x90,  
110x110 cm.

Als **`S` Ausführung** mit Sekundenzeiger oder wahlweise mit vierfarbigem Zeigerkreuz. Synchronmotor - Ausführung für die feste Installation in der Halle.

Als **`M` Ausführung** mit Minuten und Sekundenlaufwerk.

Schnellrückstellung der Zeiger auf 0 über Tastendruck, auch mit Fernbedienung möglich. Alle Uhren mit hinterleuchtetem Zifferblatt. Leuchtende Sponsoren-Werbung darauf sehr gut möglich.

Für die einfache Montage an der Wand. Sonderbefestigungen und spezielle Einbauten auf Anfrage möglich.

Bestell Nr.:	S	M	Zeiger Kreuz
70 er	SP00007005	SP00007006	SP00007007
90er	SP00009005	SP00009006	SP00009007
110er	SP00011005	SP00011006	SP00011007

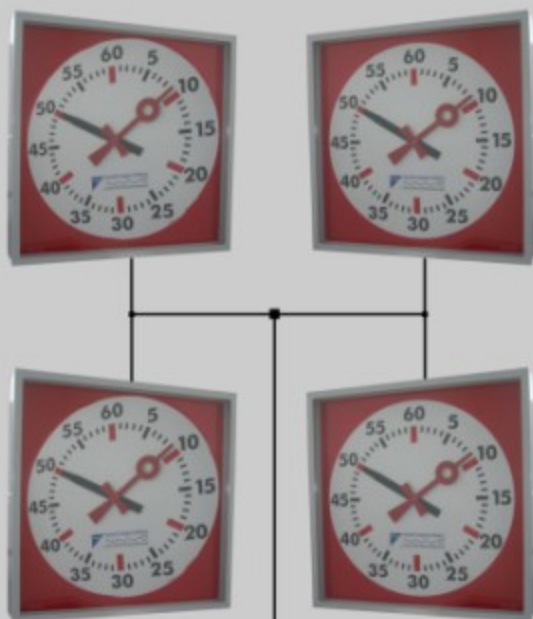
## Trainings - Uhren Gleichlaufanlagen



Handsender

### synchronlaufende Uhren






- Anzeige von Minuten und Sekunden
- doppel, dreifach oder vierfach
- in den Größen 70 x 70, 90 x 90 oder 110 x 110 cm.
- frei kombinierbar, z.B. 1 x 110 und 2 x 70
- für die feste Installation in der Halle
- schnelles Nullstellen der beiden Zeiger
- Nullstellung über Handsender per Funk
- einbrennlackiertes Aluminiumgehäuse
- bruch sichere Polycarbonat-Scheibe
- hinterleuchtetes Zifferblatt
- Sponsorenwerbung auf der Uhr möglich









Handsender




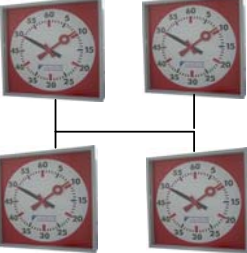
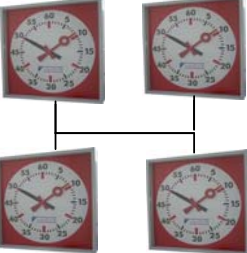
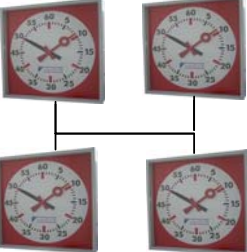
	2- fach	4 - fach
70 er	SP00007002	SP00007004
90 er	SP00009002	SP00009004
110 er	SP00011002	SP00011004

## article list clocks 1/09

description		Art.-No.	pc. / set
<p><b>mobil `M`</b>            single pace clock, 70 x 70 cm,            mobile applicable, with integrated            battery, aluminium frame with            break-proof pane, minute and            second hand, advertising print on            clock face possible.</p>		SP00007000	pc.
<p><b>mobil `S`</b>            single pace clock, 70 x 70 cm,            mobile applicable with 24 Volt            plug transmitter and 20 m cable,            aluminium frame with break-proof            pane, second hand, alternatively            with four-coloured hands,            advertising print on clock face            possible.</p>		SP00007003	pc.
<p><b>70 `S`</b>            70 x 70 cm with minute hands,            synchronized motor for fixed            installation in hall.            with inside illumination, with            break-proof pane ,advertising            print on clock face is quite            possible.</p>		SP00007005	pc.
<p><b>90 `S`</b>            90 x 90 cm with minute hands,            synchronized motor for fixed            installation in hall.            with inside illumination, with            break-proof pane, advertising            print on clock face is quite            possible.</p>		SP00009005	pc.
<p><b>110 `S`</b>            110 x 110 cm with minute hands,            synchronized motor for fixed            installation in hall,            with inside illumination, with            break-proof pane, advertising            print on clock face is quite            possible.</p>		SP00011005	pc.



description		Art.-No.	pc. / set
<p><b>70 `M`</b> 70 x 70 cm with minute and second hands, quick reset of hands per pressing a button, also possible with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00007006	pc.
<p><b>90 `M`</b> 90 x 90 cm with minute and second hands, quick reset of hands per pressing a button, also possible with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00009006	pc.
<p><b>110 `M`</b> 110 x 110 cm, with minute and second hands, quick reset of hands per pressing a button, also possible with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00011006	pc.
<p><b>70 four hand cross</b> 70 x 70 cm, with four coloured hands, synchronized motor for fixed installation in hall. with inside illumination, with break-proof pane ,advertising print on clock face is quite possible.</p>		SP00007007	pc.
<p><b>90 four hand cross</b> 90 x 90 cm, with four coloured hands, synchronized motor for fixed installation in hall. with inside illumination, with break-proof pane ,advertising print on clock face is quite possible.</p>		SP00009007	pc.
<p><b>110 four hand cross</b> 70 x 70 cm with four coloured hands, synchronized motor for fixed installation in hall. with inside illumination, with break-proof pane ,advertising print on clock face is quite possible.</p>		SP00011007	pc.

description		Art.-No.	pc. / set
<p><b>70 synchronized clocks 2 - fold</b> 70 x 70 cm, with minute and second hands, quick reset with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00007002	set
<p><b>90 synchronized clocks 2 - fold</b> 90 x 90 cm, with minute and second hands, quick reset with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00009002	set
<p><b>110 synchronized clocks 2 - fold</b> 110 x 110 cm, with minute and second hands, quick reset with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00011002	set
<p><b>70 synchronized clocks 4 - fold</b> 70 x 70 cm, with minute and second hands, quick reset with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00007004	set
<p><b>90 synchronized clocks 4 - fold</b> 90 x 90 cm, with minute and second hands, quick reset with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00009004	set
<p><b>110 synchronized clocks 4 - fold</b> 110 x 110 cm, with minute and second hands, quick reset with remote control, with inside illumination, with break-proof pane, advertising print on clock face is quite possible.</p>		SP00011004	set

description		Art.-No.	pc. / set
<b>special advertising</b>	depends on form and color min. 100€	SP00000033	
<b>70 four hand cross</b>	for separate installation at 70 'S'	SP00007010	pc.
<b>90 four hand cross</b>	for separate installation at 90 'S'	SP00009010	pc.
<b>110 four hand cross</b>	for separate installation at 110 'S''	SP00011010	pc.
ex works, ex packing, payment in advance			
<b>Otto Otto GmbH - Bergsteinweg 9 - D - 31137 Hildesheim - +49 5121 42255 mail@swimspotec.de</b>			