

Discover a new way of cycling



Virtual Reality Trainers

Fun, adventure and training at the same time

Ergotrainers

Science of hometraining at your fingertips

Cycletrainers

Get you in perfect condition

Tacx



the more you train...
the more you'll experience



At www.tacx.com under the button training, you can receive information about training theories and test your own fitness. The trainer/coach Frank Senders has outlined an annual plan. Fill in the diagrams and draw up your own plan for effective training.



www.tacx.com

Inspiration, analysis and innovation

Tacx is a leading manufacturer of cycling sport products- a market leader in the field of trainers, water bottles (cages) and bike tools. There were major changes this year, particularly in the ergo and virtual reality trainers. A new item is the sensational motor brake that simulates descents and tough climbs during training sessions, enabling high-power training with low pedalling frequency. The i-Magic has undergone a facelift; the virtual rider has a nice pedalling action as he sets off through a wide variety of landscapes. The new software was inspired by listening

closely to i-Magic owner and target group, acting on knowledge, Tacx has really has dot the i's crossed the t's. The dynamic world of Tacx is constantly on the move. Follow the latest developments at the Tacx website. Select the presentation that best fits your PC and Internet connection. The high-experience flash site, with its animated images and music, underlines Tacx's futuristic image. In the html version, which everyone can access, the emphasis is on the quick, easy retrieval of information. Experience the world of Tacx and surf to www.tacx.com



At www.tacx.com, under **teams**, you will find the Tacx heroes. There is much information available about these world-famous riders. There is also information about all cycling teams sponsored by Tacx, along with an up-to-date overview showing all victories.



Virtual Reality Trainers



The Fortius has a powerful **motor brake** that simulates descents and arduous climbs. The resistance created by the motor brake corresponds closely to anything you will encounter on the road. Rolling, air and gradient resistance are palpable during cycling. The brake was designed to release heat during cycling, which is then converted to current and fed back into the mains. In this way, you generate your own energy.



*i-Magic Fortius is available
from November 2004*



i-Magic Fortius

Cycling in virtual worlds, while simultaneously training

The **i-Magic Fortius** is Tacx's showcase product, a Virtual Reality Trainer designed with a sensational braking system and completely new software. The possibilities of this interactive trainer are unlimited. The Fortius connects to a PC, operated via an interface on the handlebars. You can compete in races, freewheel at will, go on a voyage of discovery or undergo intensive, goal-orientated training. You can use the arrow keys to choose the rider and the team with which you want to ride. Whether it is a cyclist, an ATB rider, a man or a woman, the virtual riders all display natural movements. They are flexible,

with nice pedalling actions and aerodynamic positions. These lively riders jump, cheer, ride standing up, change gears, snivel, drink from their water bottles and make spectacular falls. A multiple of options accentuates creative play. There are various types of clothing. You can choose from Liberty Seguros, Team CSC to ATB and fantasy shirts. There are also various racing bikes and ATBs, aerodynamic wheels with carbon rims or traditional wheels. You can even choose your own weather conditions. Wind direction, wind speed, day, night, sunshine, clear, cloudy, rain and mist – all affect cycling.



The VR software comes with new menus – very user friendly because there is a central program that forms the basis for the Fortius, Catalyst Training software, the Analyser, Real Life Video and the Cosmos. The data is entered once and is communicated to all other programs.

Virtual Reality Trainers



i-Magic Fortius comes with Fortius start-up menus, three terrains Atlantis, Callisto and Olympus-, Catalyst Training software, Analyser software and a demo from Real Life Video. Free updates of the latest software are available via www.tacx.com. DVDs of the various locations can be ordered via the site.



i-Magic Fortius

Atlantis is a terrain with roads, as well as the name of an attractive coastal town by the sea. There is much to experience. The start/finish is on the boulevard. That's where you decide whether you are going to visit a city with its intimate restaurants and convivial shops, or set off through magnificent scenic areas where you can have a fantastic time cycling through the dunes and alongside pools. Enjoy nature in all its splendour. Still not satisfied? Cycle further inland and ride on small lanes along vast pastures, farms and idyllic villages.

The tranquil village **Callisto** from Atlantis has been transformed in the ATB terrain into a bustling festive event, where an annual party is in full swing. From there, you could decide to cycle in the dunes across sandy roads, winding narrow shell paths, through a

dark, mysterious forest or a rocky, hilly area with many curves, short, steep climbs and hairpin bends. Visit the ruins, which attract many enterprising riders.

Olympus is an intriguing mountainous terrain with an international, South-European atmosphere. Typical are the stiff climbs with hairpin bends and James-Bond-type descents. One can experience the height differences through the various climbing percentages, which offer considerable variety in braking action. This spectacular scenic area is hosting a lively competition. The point of departure is the mountain village of Artemis, located halfway up the climb to Olympus. In the distance, you can see snow-covered mountaintops.

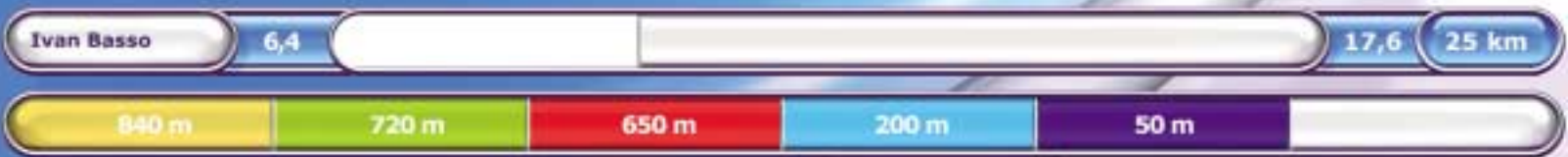


Using the steering frame is essential to experience the interactive game element of the i-Magic to its fullest and to become immersed in the virtual world. Each movement is visible on the screen. The link with the steering frame enables you to decide at any moment where you want to cycle. T1905 Steering frame i-Magic £ 104.99.

Virtual Reality Trainers



Total trip	Speed	Power	Cadence	Heartrate	Stopwatch
	31,6	199	104	152	00:10:43



Time	Power	Speed
Time = 1:10	99,49 W	00:10:43
Time = 1:15	100,50 W	
Time = 1:20	90,51 W	37,2 Km



The i-Magic remains in continual development; the possibilities are unlimited. Current i-Magic riders can also upgrade their trainers with the new Fortius software and the Real Life Video. This gives them all the functions except for the motor brake. You can find more information at www.tacx.com.



i-Magic Fortius

Catalyst Training Software

Besides virtual cycling, for those interested in goal-orientated training, there is the Catalyst. This is software for physical fitness tests and training programs, which are geared towards power, pulse and gradient. The training is visually reproduced on the PC in a diagram or graph. With the Catalyst, the i-Magic offers the same possibilities as an advanced ergotrainer like the Tacx Cosmos.

Real Life Video

To add an extra dimension to your training, you can expand the Fortius with Real Life Video. You can play a DVD cycling route film during your training, which is linked to your speed and braking actions. As you cycle faster, the film also increases in speed. When

you climb a hill, you can actually feel the resistance. There are shots of well-known terrains from various countries. In France, you can climb the legendary Mont Ventoux and l'Alpe d'Huez. In Belgium, you will cycle in the queen of cycling classics, the 'tour of Flanders'. You can cycle part of the Argustour in South Africa or conquer the Passo Gavia in the Italian Alps. In America, you will take part in the Iron Horse Bike Classic in Colorado. That is only a random selection from the collection. New films are being shot all year and will include well-known races as well as remarkable scenic rides. Visit the Tacx website regularly for the latest information.

T1940 i-Magic Fortius

£ 599.99



Advised system specifications i-Magic Fortius

Processor: 800 Mhz (Pentium III) Memory, 128MB
Hardware: DVD Drive, USB: 1 free USB port
Graphical card: DirectX compatible 64MB
OS: Windows 98Se, Me, 2000 or XP

Virtual Reality Trainers



The electromagnetic brake system closely simulates anything you would encounter on the road. So while cycling, rolling, air and gradient resistance is realistic and clearly perceptible - you will immediately feel whether you are cycling on the road (asphalt), the track or on grass.



i-Magic

Experience the magic of Tacx's virtual world

The **i-Magic** transforms indoor training into an adventure. Tacx's first Virtual Reality Trainer will sweep you into an interactive virtual cycling world, which you will really, see, feel and hear. You are the director. Set the wind force and wind direction, ride in the wheel of your opponent and take advantage of the slipstream. Compete against opponents on real cycling tracks, cheered on by the spectators. Use all your skills to prevent getting beat by any of your opponents. Set off into a magnificent hilly landscape where the sun is shining, birds are singing and every day is a holiday. Visit the village of Capricorn, a splendidly situated castle, or cycle alongside vast

pastures. Or - race through the wooded landscape of Sipscape, with its colourful bulb fields, vast meadows and sensational cloudscapes. Besides having 'fun', you will also want to improve your cycling skills. The Catalyst Training Software offers goal-orientated training, enables you to take fitness tests and set your own training programs. The i-Magic comes with three terrains. You can expand your 'cycling library' with the real-time mountain bike terrain, Forest Park from Mirage3d. Visit www.tacx.com for more information and the minimum requirements of your computer.

T1900 i-Magic

£ 399.99



When you are climbing and accelerating, your movements are powerful. You will rise out of the saddle and assume an aerodynamic position during a descent. When you are at the front of the pack, your hands will grip the handlebars. Riding in the slipstream, your hands will rest in a relaxing position on the brake levers. You need to avoid collisions. If you should crash, you will lose valuable time.



When it comes to training, there is nothing to surpass the **Cosmos**. The Cosmos computer has a large memory. Its large ultramodern, full-colour display (3.8 inches) with backlighting shows all the training programs brightly and clearly, including related information.



Cosmos will be available from November 2004



Cosmos

High-end ergotrainer with sensational motor brake

The **Cosmos** is the ultimate training machine – a super power trainer for professional cyclists and amateurs who want to get the most out of their training, scientifically. This high-end ergotrainer is equipped with the sensational motor brake, which enables extra arduous training. For example, with low frequency pedalling, you can get more than 1,000 Watts of braking power. You can adjust the gradient between -5 and +20, which will easily produce a resistance of 350

Watts at a cycling speed of 15-km per hour. With Cosmos, you can adjust your programs according to power, gradient or heart rate. Naturally, free cycling is always an option. In particular, heart-rate training is an extremely effective method. You cycle at the heart rate you set for yourself; while the computer continually adjusts resistance to the rear motor/ brake unit.

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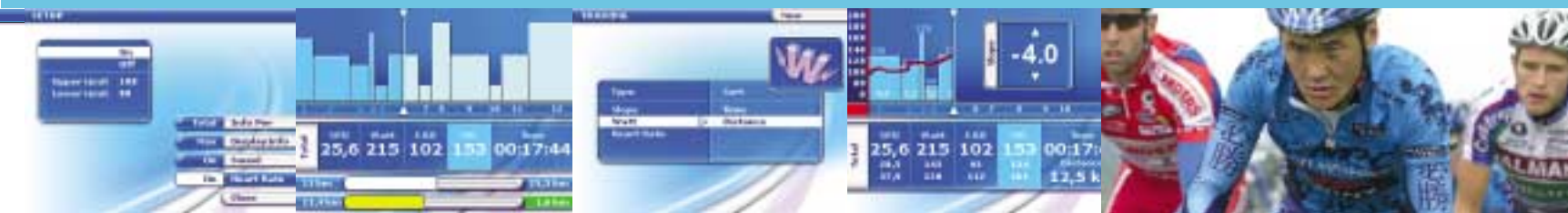
You can enter up to 99 users, each with their own personal particulars, in different teams. Besides serious training sessions, you can also ride in races. You can make them as exciting as you want. You can enter five opponents. During the race, via the histogram, they are continually visible on the display. In this way, you can keep track of your position and that of your opponents.

Ergotrainers



Brake Calibration The precision of the power measurement depends on such things as the resistance of the brake unit roller against the rear tyre, for example, and on the tyre's air pressure. In order to obtain a precise power measurement, you can calibrate the Cosmos, Flow and the i-Magic Fortius in a matter of seconds.





Cosmos

Your heart rate is your calibration point. The heartrate measurement determines the amount of resistance you have and how well you can sprint. Your own heart rate will indicate what your best chances are on any particular day and how your physical fitness has progressed. Power-orientated training, combined with a heart-rate meter, is the ideal way to improve and maintain physical fitness. With a program in Watts, the computer will adjust the resistance on the rolling cylinder so that you continually pedal according to your own power setting. If you alter or shift the pedalling frequency, the computer will immediately correct the resistance on the rolling cylinder. With a training program in gradient resistance, you can program the computer to make the correct calculations in the resistance in 25 steps. You can also simulate the resistance that you encounter outdoors.

Cosmos Software

The Cosmos comes with Fortius pre-set menus and Analyser software. This allows you easily to set the training programs and user data. If you wish, you can exchange these data with your coach or friends via the Internet. Via the USB connection, you can send your data to the Cosmos computer so that you can run your training programs on your stand-alone, wherever you want. During each training session, the Cosmos computer records all information every 2, 5 or 10 seconds. When you transfer the data back to your PC, you can view your scores via the Analyser software. Your performance will be easy to read in graphs and tables.

T1970 Cosmos, Skyliner included

£ 549.99



Experience the *flow*



Patented items Flow

- Calibration function, this function lets you calibrate the flow in several seconds, assuring optimal measurement.
- The Electromagnetic Brake System, equipped with a heavy-duty steel flywheel
- Quick Release System, clamps the brake unit against the bike tyre in a single motion



Flow

The science of hometraining... at your fingertips

With the CycleForce Flow, Tacx announces the start of a new generation of Ergotrainers. This trainer is the result of knowledge and inspiration, combined with innovation. Heart rate, power, speed and pedalling frequency are measured and visualised on the detailed display of the Flow computer. The training data provides an important instrument for targeting and improving physical fitness efficiently - resulting in optimum performance.

A histogram shows the gradient, enabling the cyclist to view the settings at a glance. Another point of interest is the simple operation. By setting the power or resistance, you can adjust your program while training, to suit your own needs. You can even calibrate the brake.

T1680 Flow, *Skyliner included*

£ 269.99

Flow stands for optimum perception, a state that entails intense enjoyment, flowing from extreme concentration. This is the state that produces top performances. At one time or another, everyone has experienced flow: we feel strong, alert, we have the feeling that we are in full control of the situation and can perform at the top of our ability. Awareness of time and personal problems temporarily fades into the distance- as though you are having an out-of-body experience (Mihaly Csikszentmihalyi).



The Tacx sweatcover fits between the handlebars and the seat-pin; protects your bike against perspiration during training. The Skyliner enables you to cycle in a natural cycling position; it corrects the position of the bike by elevating the front wheel.



Upgrade i-Magic

Climb mountaintops, adjust your bike position, protect your bike

The **i-Magic Upgrade** consists of an interface and the original i-Magic Fortius software. This enables you to transform your cycletrainer or ergotrainer into a virtual reality trainer. The cycletrainers have mechanical brakes; the i-Magic's functions operate with the exception of the braking system. You should adjust the gradient manually. A sensor kit is supplied for measuring speed and pedalling frequency. Because

the ergotrainers have electromagnetic braking systems, the software activates all i-Magic functions automatically.

T1915 Upgrade i-Magic	£ 159.99
T1696 Sweat cover	£ 14.99
T1690 Skyliner	£ 14.99
T1675 Training mat	£ 44.99



The rubber Tacx **Training Mat** protects the floor surface, deadens sound and captures perspiration. Dimensions: 75 x195-cm. Available from October 2004.

Cycletrainers



In a single motion, the **Quick Release System** clamps the brake unit against the bike tyre. Once the pressure against the tyre has been set, it remains the same. This innovative mechanism allows you to position the bike in the trainer, quickly and simply.



Swing & CF One with
**new remote resistance
lever** is available from
November 2004



Swing & CF One

No nonsense, high-level power training

The **Swing** is based on the input of top professional coaches, which enables training with high power and low pedalling frequency. The ergonomically shaped CycleForce frame forms the basis of this trainer. The brake unit comes with a quick release lever which allows you to position the bike in the trainer, quickly and simply. The brake unit consists of a single, unusually powerful neodymium magnet and an extra large steel flywheel. Using the resistance lever, one

can change the position of the magnet with respect to the flywheel in 10 positions. This results in a magnetic field that enables you to train at high power with low pedalling frequency. The CycleForce Swing is capable of generating an incredible 400 watts of resistance at a speed as low as 27km/h.

T1460 Swing	£ 149.99
T1480 CF One	£ 129.99



The **CF One** is a cycletrainer that enables intensive workouts. The ergonomic frame adds a light spring when peddling. The brake system consists of two discs with magnets and a balanced, steel flywheel of 2 kg. With the resistance lever, you can change the position of one magnetic disc with respect to the other. You can adjust the resistance in 10 different positions.

Cycletrainers



More than 60 training programs are available for Tacx trainers at www.tacx.com, under Support. Perfect aides to encourage and increase your interest in designing your own training.

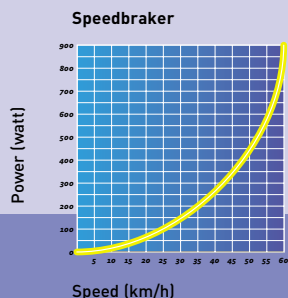
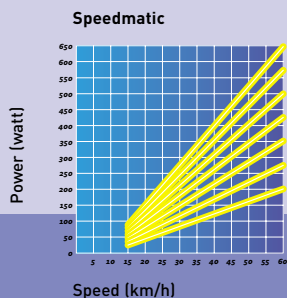


Economic alternative for the best results

The Speedmatic and the Speedbraker have become classics. Both bike trainers have folding Cycletrack frames and brake units with a balanced flywheel of 1 kg. The main difference is the braking action. The **Speedmatic** is equipped with a magnetic brake operated by a remote resistance lever switch on the handlebars. You can adjust resistance in seven positions, giving you a varied training programme.

Power increases as cycling speed increases and/or there is greater resistance. The braking system of the **Speedbraker** consists of a fan. During training, the power is generated by means of air resistance, increasing exponentially as cycling speed increases.

T1400 Speedbraker	£ 89.99
T1450 Speedmatic	£ 99.99



Tacx Super Dealers 2005

Bedford, Bedfordshire

Michael's Cycles
01234 - 30 54 24
www.michaels-cycles.co.uk

Bournemouth, Dorset

Primera
01202 - 77 55 88
www.primera-bournemouth.co.uk

Cheltenham, Gloucester

Leisure Lakes
01242 - 25 15 05
www.leisure-lakes.co.uk

Chesterfield, Derbyshire

J.E. James
01246 - 45 34 53
www.jejamescycles.co.uk

Colchester, Essex

5312
01206 - 50 50 11
www.53-12.com

Croydon, Surrey

Geoffrey Butler Cycles
020 - 868 850 94
www.gbicycles.co.uk

Edinburgh, Lothian

Edinburgh Bicycle Co-op
0131 - 288 59 00
www.edinburgh-bicycle.com

Fleet, Hampshire

Cycle Kingdom
01252 - 62 41 36
www.cyclekingdom.co.uk

Fraserborough, Aberdeen

Edinburgh Bicycle Co-op
01224 - 63 29 94
www.edinburgh-bicycle.com

Glasgow, Strathclyde

Dales Cycles
0141 - 332 27 05
www.dalescycles.com

Great Ayton, Yorkshire

Biketraks
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www.biketraks.com

Hainault, Essex

Ciclos
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www.ciclosuno.com

Hereford, Herefordshire

Climb On Bikes
01432 261211
www.climbonbikes.co.uk

Holborn, London

Condor Cycles
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www.condorcycles.com

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Xpedia
01535 601002
www.xpedia.co.uk

Kenilworth, Warwickshire

Mike Vaughan
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www.mikevaughan.co.uk

Kingston-upon-Thames, Surrey

Sigma Sport
020 - 894 344 43
www.sigmasport.co.uk

Leicester, Leicestershire

Julie's Cycles
01162 - 70 79 36
www.juliescycles.co.uk

Milton Keynes, Buckinghamshire

Phil Corley Cycles
01908 - 31 14 24
www.philcorleycycles.co.uk

Newcastle, Tyne and Wear

Edinburgh Bicycle Co-op
0191 - 265 14 72
www.edinburgh-bicycle.com

North Finchley

Shorter Rochford
0208 - 445 91 82
www.shorter-rochford.co.uk

North Harrow, Middlesex

The Bike Shop
020 - 842 754 54
www.questbikes.co.uk

Otley, Yorkshire West

Chevin Cycles
01943 - 46 27 73
www.chevincycles.com

Potters Bar, Hertfordshire

Shorter Rochford
01707 - 66 23 32
www.shorter-rochford.co.uk

Reading, Berkshire

A W Cycles
0118 - 946 30 50
www.awcycles.co.uk

Rotherham, Yorkshire

J.E. James
01709 - 36 19 19
www.jejamescycles.co.uk

Salisbury, Wiltshire

Stonehenge Cycles
01722 - 33 49 15
www.stonehengecycles.com

Saltash, Cornwall

Certini
01752 - 84 70 02

Sheffield, Yorkshire

J.E. James
01142 - 55 05 57
www.jejamescycles.co.uk

Southampton, Hampshire

Peter Hargroves
02380 - 78 91 60
www.hargrovescycles.co.uk

Spitalfields, London

The Cycle Surgery
020 - 737 530 88
www.cyclesurgery.com

Staveley, Cumbria

Wheelbase
01539 - 82 14 43
www.wheelbase.co.uk

Tunbridge Wells, Kent

Wild Side Cycles
01872 527069
www.wildside.uk.com

Waterloo, London

Evans Cycles
020 - 792 822 08
www.evanscycles.com

Wilmslow, Cheshire

Western House, Knutsford Road
01625 - 54 34 40
www.royles.biz

Windsor, Berkshire

SBR Sports
01753 - 75 11 88
www.sbrsports.com

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Unit 8/9, Brick Knoll Park
Ashley Road, St. Albans
AL1 5UG Hertfordshire
T + 44 - 1727 798 345 (sales)
T + 44 - 1727 798 361 (Tech line)
E tacx@fisheroutdoor.co.uk



Visit any of the Tacx Test Centres and experience the i-Magic before you buy. All of the Tacx Test Centres are supported by Tacx in the UK and can provide full service backup and technical support on all Tacx trainers.