

DURA-ACE
EVOLUTION OF PERFECTION



*35 years of evolution. An extensive team of dedicated engineers. Millions of tests. One moment.
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SHIMANO

DURA-ACE

EVOLUTION OF PERFECTION



CS-7900

CASSETTE SPROCKETS

- Titanium sprockets: the 4 biggest sprockets are titanium to save weight
- Weight: 163 g (11-23T)

Gear combinations, a wide selection for all needs:
11-21T, 11-23T, 11-25T, 11-27T, 11-28T, 12-23T, 12-25T, 12-27T



WH-7850-C24-CL

WHEEL SETS

- Super light carbon-fibre composites and scandium alloy
- The choice of wheels for Pro-Tour riders and Time Trial specialists

Wheels to choose:

- Carbon hi-profile tubular (WH-7850-C50-TU)
- Carbon hi-profile clincher (WH-7850-C50-CL)
- Carbon tubular (WH-7850-C24-TU)
- Carbon-alloy composite clincher (WH-7850-C24-CL)
- Carbon tubeless (WH-7850-C24-TL)
- Scandium tubeless (WH-7850-SL)



SC-7900

CYCLE COMPUTER

- Heart rate monitor
- Altitude & inclination data
- Wireless data transmission
- Wireless PC connection



PD-7810

PEDALS

- Extra-wide platform for much more efficient transfer of power
- Durable stainless steel body reduces flex and pedal body wear
- Smooth three-bearing axle: 2 ball bearings, 1 wide roller bearing
- Wide bearing placement for stable, uniform load distribution
- Adjustable entry and release tension settings
- Weight: 278 g



ST-7900

DUAL CONTROL LEVERS

- Integral shift cable: looks better, feels smoother, handles lighter due to less weight
- Reach adjust mechanism: customised adjustability of shift/brake positions
- Shorter stroke of the right-side lever: 20% faster and smoother shifting
- FLIGHT DECK compatible: wireless speed sensor on the bracket; integrated operational buttons used without changing hand positions
- Also down-tube shifter (SL-7900), brake levers for time trial and triathlon (BL-TT79) and bar-end shifter (SL-BS79) available
- Weight: 378 g (pair)



RD-7900

REAR DERAILLEUR

- Carbon pulley plate: saves weight
- Wide gear ratio: compatible with 28T cassette/compact crankset without changing the rear derailleur (total capacity: 33T)
- Wide link design: more stability and more precise shifting
- Weight: 166 g



FD-7900-B

FRONT DERAILLEUR

- Optimized spring tension: for feather-light downshifting
- No trimming necessary on the front big chainring: for better riding concentration
- Improved link efficiency: smooth, light shifting action
- Also brazed-on (FD-7900-F) available
- Weight: 67 g



FC-7900

CRANKSET

- Thin-walled crank: forged aluminium crank saves weight
- Hollow chainring: saves weight while maintaining strength
- New teeth design: for better chain contact and high-efficiency power transfer
- Weight: 725 g FC-7900 (170 mm, incl. BB)

Standard (FC-7900):
52-39T, 53-39T, 53-42T, 54-42T, 55-42T, 56-44T

Compact (FC-7950):
50-34T



BR-7900

BRAKES

- Enhanced brake arch proportion: more linear response
- Lower cable stopper: better cable routing and reduced cable friction
- New compound brake shoe: reduced wear-out of 50% under wet conditions and 20% more stopping power in dry conditions
- Titanium centre bolt: weight reduction
- Weight: 293 g (pair)



HB-7900

HUBS

Front and rear

- Click adjust system: for quick and easy adjustment by hand without use of tools
- High axial rigidity: enhanced rigidity for better rotation even when quick release is tight
- Weight: 125 g

Rear only

- Titanium freewheel body: extra light, extra rigid
- 8, 9 & 10-speed compatible
- Quick engagement enables faster acceleration
- Weight: 254 g



FH-7900



RD-7970

REAR DERAILLEUR

- Programmed motion: quicker and smoother shifting with less chain drop
- Saver (fuse) function: inner structure protected from any heavy impact
- Electronic adjustment: easily adjustable even when riding



FD-7970

FRONT DERAILLEUR

- Quicker front shifting: smooth, stress-free riding with automatic linear response
- Programmed motion: very precise shifting with less chain drop
- Auto trim: automatic chain guide movement in response to the gear position of the rear derailleur, no more concentration on trimming when riding



SM-BTR1

BATTERY PACK

- Rechargeable
- Easy mount to the frame: fits any road bike and can easily be removed for charging
- Extremely reliable: field tested and proved through various riding conditions and all weathers
- High performance: Li-Ion battery, 7.4 V for longer life



CN-7900

CHAIN

- Innovative outer plate form: for reducing chain suck
- Redesigned outer and inner plates: for improved contact with gear teeth and smoother shifting
- Hollow pin: weight saving
- Perforated plate: weight saving
- Quicklink: for easy chain connecting without use of tools
- Weight: 252 g (114 links)

The new DURA-ACE. A legend sharpened to a new level of perfection. Providing the ideal symbiosis of lightweight, stiffness and performance. And finally out there to set new standards in professional cycling.

Experience the evolution of perfection.

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