

Coxmate HC



Coxmate's instrument for coxless boats



HC Micro impeller shown in front of NK one for size comparison

- High contrast display with switchable backlight.
- Integral pick up for Polar Heart Rate monitors – no separate antenna required.
- Uses AAA batteries – Approx one years operation without backlight. Approx 100 hours runtime with backlight on.
- Configurable Display; variables include: Rating, Speed, Time, Distance, Average Speed, Distance, Stroke Count, Dist/Stroke, Heart Rate and Ratio(minimum speed/maximum speed for each stroke).
- The HC has a substantial memory for storing data – up to ~60 hours and a real time clock for time/date stamping rowing records. An optional PC link and analysis software package is available.
- Includes both PACE boat and WORKOUT modes.
- A second HC unit can be used as a slave to first, enabling data to be displayed to more than one crew member – future option.
- The mounting bracket assembly is compatible with NK Speedcoach® -
- System has auxiliary switch input – this can be used to start, stop and reset timer. The switch is waterproof, and can be mounted for foot or leg operation.
- The HC micro impeller dramatically reduces drag, susceptibility to damage and weed contamination.
- Optional GPS calibration unit available – just row 250 metres in a straight line, and it does the rest for you.

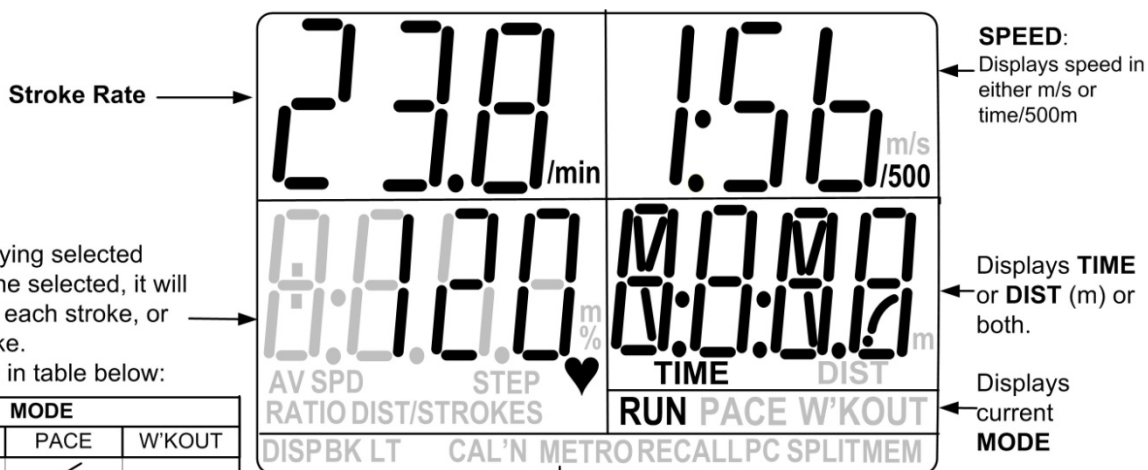


Specification:

- Size: ~ 100x100x25mm
- Weight: ~ 200gm.
- Buoyancy: Unit floats
- Batteries: 3x standard alkali AAA. Life: Approx 300 hours running time with backlight off and approx 100 with backlight on.
- Waterproof: IP67, temporary immersion to 2 metres.
- Heart rate: requires Polar T31 or T31C chest strap. Display unit to be within 1.3m of finish position.
- Memory: Will store up to 4 hours of rowing data in micro data (speed every 20mS), or over 60 hours of macro data (details of each stroke stored).
- Mounting: Compatible with NK Speedcoach®.
- Display: See diagram below - shows display configuration and what variables can be displayed

Order:

- **HC** Display unit
- **HC-Mtg- Kit-0.6m** Mounting bracket with prewired seat sensor(0.6m), Auxiliary Switch(1.5m) and speed pick up(2m) .Includes impeller.
- **HC-Mtg- Kit-2m** As above, except speed pick up(2m).
- **HC-Mtg- Kit-5m** As above, except speed pick up(5m). Other lengths available on request
- **HC-PC- Analysis** – includes serial(D9) cable adaptor, serial to USB converter and PC Analysis software.
- **HC-Mstr/Slave- Mtg** For connecting two units in Master/Slave configuration. Cable lengths as per HC-Mtg-2m, without Auxiliary switch. Standard distance between master/slave is 3m – others on request. Note: no other **Mtg** required.
- **HC-Imp** –Micro impeller with spare mounting tape
- **HC-GPS-Cal** – GPS calibration unit for HC



Feature Display, for displaying selected variable(s). If more than one selected, it will switch between selections each stroke, or every 4 seconds if no stroke.

Display options are shown in table below:

VARIABLE	MODE		
	RUN	PACE	W'KOUT
AV SPD	✓	✓	
STEP			✓ *
♥	✓	✓	✓
RATIO	✓	✓ *	✓
DIST	✓	✓	
DIST/STROKE	✓	✓	✓
STROKES	✓	✓	✓

*These selections are mandatory

Shows current SET Up function:

- DISP: For selecting variables and units for display
- BK LT: For setting brightness level and turning ON/OFF
- CAL'N: For calibrating speed sensor
- METRO: For setting metronome frequency and turning ON/OFF
- RECALL: For recalling speed and rate last time timer was run.
- PC: For communication with PC
- MEM: for checking memory usage and clearing memory

Note: If you wish to have an accurate speed ratio value or/and undertake stroke profile analysis on PC, then it is important for impeller to be mounted near bow of boat.