

Reasons to buy Flymaster

There are many reasons to buy Flymaster, particularly when a one to one comparison is made. However, there are some points where Flymaster is generally ahead almost everyone else. Some of these points are:

- **All** (including the Vario) Flymaster instruments have a high contrast, 320x240 resolution display (61x81 mm viewing area).
- **All** Flymaster instruments are capable of displaying shades of grey, (not only black and white).
- **All** Flymaster instruments have 16 configurable screen pages.
- **All** Flymaster instruments are compatible with the revolutionary Designer program. With this software the user can:
 - Draw several screen layouts, each one including 16 different screen pages.
 - Change size, border, shape, title and more, of screen elements.
 - Share Layouts with the Flymaster community.
 - Save Layouts as xml files for later use
 - **Define trigger events for automatic page switching.**
- **All** Flymaster instruments have an easy intuitive user interface
- **All** Flymaster instruments have a RF interface which allows connecting different external sensor wireless (ex. Wind Speed Probe, M1 motor instrument, etc.)
- **All** Flymaster instruments have a rechargeable Lithium-ion battery.
- **All** Flymaster instruments allow the connection to a PC (Windows, or MAC) to download flight data.
- **All** Flymaster instruments have a thermal indicator (buzzer), introduced by Flymaster in to the paragliding world.
- **All** Flymaster instruments have a fast and cheap, repair service.
- **All Flymaster clients have an excellent technical support and the best value for money on the market.**

Despite all instruments has characteristics which distinguish them from other instruments on the market, there are also different characteristics for each of the Flymaster instruments. The main characteristics according the model can be seen in the following table.

Table – Main characteristics by Flymaster Model

	Vario	GPS	NAV	LIVE
Main Hardware Characteristics				
Display Resolution (High Contrast Grey Scale)	320x240 pixels	320x240 pixels	320x240 pixels	320x240 pixels
Battery Capacity (Lithium-Ion) (mA.h)	1500	2750	2750	4000
GPS		50 channels/ 4hz	50 channels/ 4hz	50 channels/ 4hz
RF Interface (With FCC or ETSI conformance for unlicensed use in the 315, 433, 868, and 915 MHz bands.) (Allows the wireless connection of several external probes, like wind speed probe, or M1, simultaneously)				
USB Connection (Allows connection to the PC to download/upload Flight Data, Airspaces Data, etc.)				
Battery Charging using wall adptar, or usb standard port				
Full quad-band GSM / GPRS class 10 with data transmission, and voice capability.				
Firmware update by USB (upgrades are free)				
Interface Features				
16 diferent pages (each page can be draw using designer software, and include a number of elements only limited by space)				
Number of configurable graphical elements (depending of the element several parameters can be set by the user ex. Size, Border, ...) (number will continuasly grow)	5	9	9	10
Number of configurable data field elements (User can change size, border, title, Font, ...) (number will continuasly grow)	19	43	60	60
Number of Page Trigger Events (page switch automaticly if an specific event occurs)	2	3	6	6
Function Keys (User can define the key function)				
Variometer/Altimeter Features				
Buzzer/near thermal sound				
High Sensibility Variometer with 10 readings/s, and 10 cm resolution				
Adjustable Vario Digital Filter				
Fully configurable Vario Sound (frequency, increments, frequency/vertical speed relation,...)				

6 Sound Levels (configurable by menu, or using a key)				
High Descent Alarm				
Altimeters	3	3	3	3
Altitude adjustment using QNH				
Memory Features				
3D flight logger IGC format				
Number of Waypoints		244	244	244
Number of waypoints/route		40	40	40
Trackpoints	>400000 (only altitude)	176000	176000	176000
Number of flights Max	248	248	248	248
Recording capacity at scan rate 1 sec/20 sec		50/1000	50/1000	50/1000
Restricted Areas Functions (3D Airspace)				
Compatibility with Open Air format (upload of files using Designer)				
Number Polygon Points/Cylinders/Arcs		3100/2200/1 400	3100/2200/1 400	3100/2200/1 400
Average number of Restricted Areas		>600	>600	>600
Display of restricted areas in map				
Adjustable warning vertical distance to a restricted area				
Adjustable warning horizontal distance to a restricted area				
Display of shortest Vertical, and Horizontal, distance to restricted area				
Restricted area alarms (vertical imminent, horizontal imminent, violation, ...)				
Cross Country Features				
Exclusive Thermal Ball indicator				
Several specific data fields like Distance to take off, current and average glide ratio, average speed, etc.				
Distance to thermal indexed with altitude				
Goto to waypoint				
Multiple waypoint route				
Wind Speed and Direction (GPS based calculations)				
Automatic altitude gain profiler				

Competition Features				
<i>Route Optimization (indication for shortest route point)</i>				
<i>Speed to Start (optimal speed to make the start)</i>				
<i>Arriving altitude at goal with visual indication</i>				
<i>Several Glides Ratios (to goal, average, to next,...)</i>				
<i>Easy task definition</i>				
<i>Task Navigation</i>				
Live Tracking Features				
<i>Automatic data sending to a remote server trough GSM network, ex. for LiveTracking (compatible with several servers)</i>				
<i>Automatic data receiving from a remote server ex. alarm messages.</i>				
<i>Periodic sending of SMS with position to a predefined number.</i>				
<i>Event triggered sending of SMS with position to a predefined number.</i>				
Other Features				
<i>Mac compatibility</i>				
<i>Multiple Languages</i>				

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Flymaster Team