



Equipment Specifications

For further information: Email: tsoffice@aol.com
www.ttsurveys.com

Digicourse 5010 Digibird Levellor

Overview:

The Model 5010 is the DigiBIRD is an advanced, microprocessor-based device that is mounted externally on a marine seismic streamer cable.



Controlled by the Digicourse Position Control System the 5011 DigiBIRD has a variety of functions and features, including:

- *Depth measurement*
- *Depth control*
- *Adjustable, depth control, algorithm parameters*
- *Information to assist in ballasting streamers*

Physical Characteristics

Length: 1.2 m (48.2 in)

Weight (in air): 8.32 kg (18.3 lb)

Weight (in sea water): with batteries 2.78 kg (6.1 lb)

Mounting: Industry-standard collars on 0.57-m (22.5-in) centers

Communications Type: Serial, FSK Frequency 26 kHz or 28 kHz

Data rate: 2400 bit/s

Depth Measurement Operating range: 0 m to 122 m (0 ft to 400 ft)

Resolution: 0.15 m (0.5 ft)

Diving Plane Lift: 15.9 kg (35 lb) @ 5 knots and 15° wing angle

Airfoil: NACA 651-012 Airfoil Section

Airfoil Section Wing span 48.3 cm (19 in)

Battery Cells: Alkaline or Lithium options

Battery Life: 4x Alkaline Batterys: 10 days typical

4x Lithium Batterys: 60 Days typical

Optional SLB (Solid Lithium Battery Pack): 150 days typical