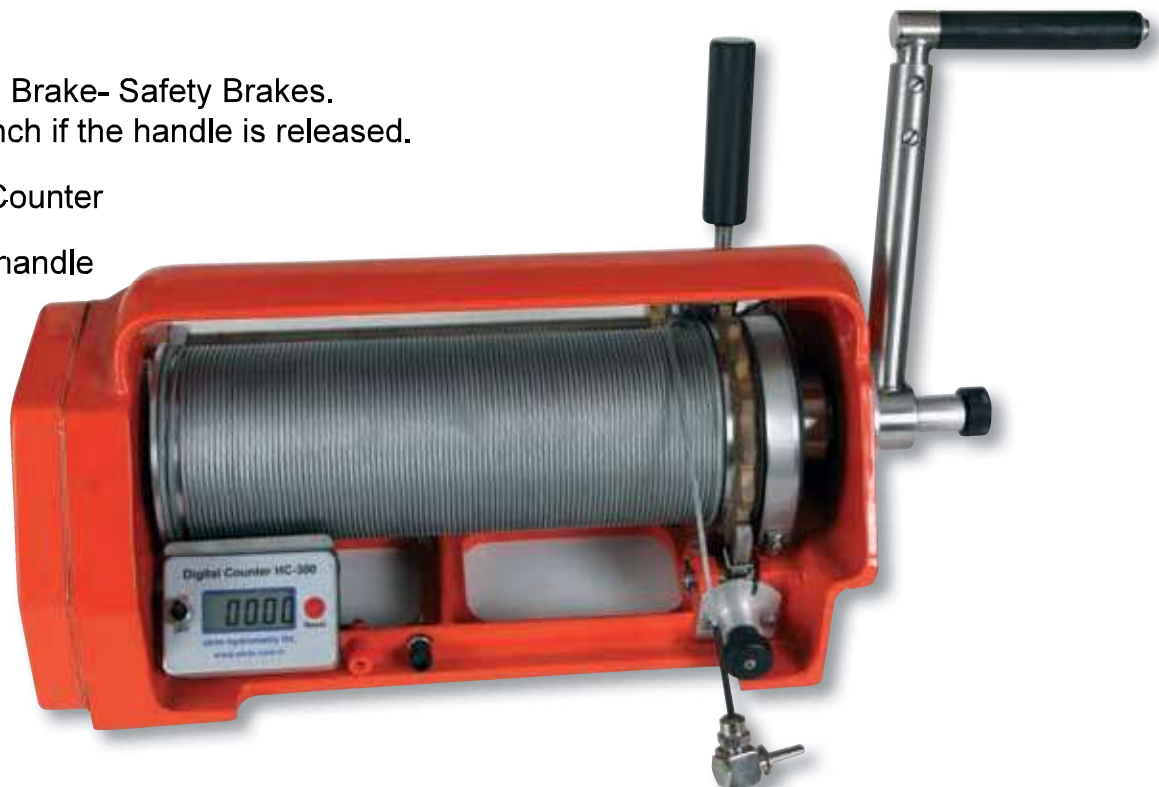


## **WATER GAUGING WINCH**

HC-300



- **AKIM HYDROMETRY** has designed HC-300 Water Winch specifically for obtaining Current Meter observations
- “ **Water Gauging Winch** ” is a very practical hand-held gauging instrument.
- “ **Water Gauging Winch** ” is a hand operated winch capable of handling Gauging weights up to 50 kg. (110 lb)
- Light Construction- Cast Aluminium Frames and Drums
- Automatic Weston Brake- Safety Brakes. Which lock the winch if the handle is released.
- Electronic Depth Counter
- Single extendible handle



### Description:

- The Water Gauging Winch is a hand operated winch capable of handling Gauging Weights up 50 Kg (110 lb)
- The Water Gauging Winch is a very compact unit and has been designed for ease of operation and maintenance in the field.
- The extensive use of aluminium has kept the weight to a minimum, such it can be handled by one person.
- Special features include;
  - Provision for easily fitting the Amergraph Cable in the field.
  - Sliprings housed within the protective end cover
- The Water Gauging Winch is normally fitted to a winch frame with outfigger for use on boats or off bridges. A lightweight trolley is also used for bridge gauging.

### Function:

- Light Constuction – Cast Aluminium Frames and Drums
- Portable
- Automatic Weston Brake-safety brakes which lock the winch if the handle is released
- Free Fall Drag Brake-allows quick lowering of weights down to water surface
- Depth counter housed within the frame-protected from external damage.
- Silver Plated Sliprings- conducts signal from sounding drum to the current meter counter
- Single Layer of Signal Cable on Drum-Prevents damage of internal conductor and premature replacement
- Single extendible handle

### Specifications

<b>Load Capacity</b>	Designed for weights up to 50 Kg (110 lb)
<b>Sounding Drum</b>	Cast Aluminium 300 mm Circumference, fitted with silver plated slipring (Single Drum)
<b>Electronic Depth Counter</b>	Five digits resettable LCD display, registering depth in centimetres with 0-reset, 3V (2x1,5V.AA size Alkaline Battery), 1 years battery life time, temperature range -20 °C + 70 °C
<b>Drum Capacity</b>	24 m – 3.2 mm (1/8")
<b>Drum Dia.</b>	100 mm - 30 m – 2.5 mm (1/10")
<b>Operating</b>	Manual
<b>Dimensions</b>	Length 460 mm (18"), Wdth 210 mm(8.3), Height 230 mm (9"), Weight: 12 Kg (26.5 lb)
<b>Packing Details</b>	Suplied in its original carrying case, 22 Kg (48.5 lb)

### Accessories: (Options)

●	Winch Board with outrigger
●	Gauging Weights-sizes 7, 14, 23 or 45 Kg
	Nose mount ground feeler weights with optional carrying boxes are available in 25 or 50 Kg. Amergraph Cable:
a)	2.5 (1/10")diameter, 3 Kg/100 metres
b)	3.2 (1/8")diameter, 4.5Kg/100 metres
	<b>Sinkers:</b> 15 kg, 25 kg or 50 kg.
●	The sinkers cannot be equipped with a ground-feeler. In special cases it is possible to carry out measurements without the aid of winch.



Current Meter CM-32 with 50 kg Single-drum winch (Teleferik).



Car crane with Current Meter.