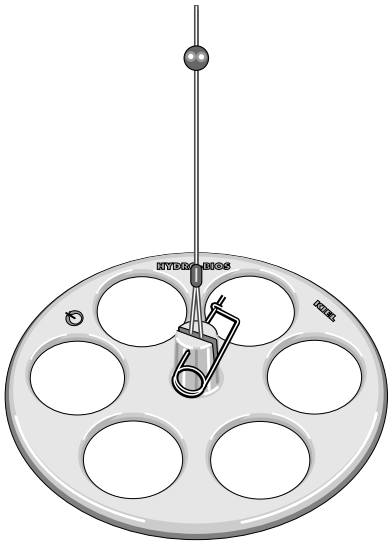
# Miscellaneous Instruments



**443 590 Visibility Disc acc. to Secchi**

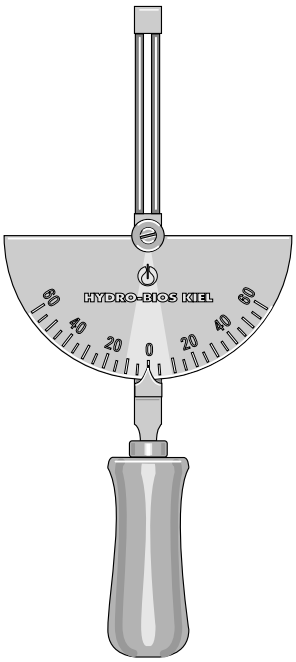
The Visibility Disc is made of white lacquered brass and has a diameter of 200 mm; the weight is 1.7 kg.

The Visibility Disc is equipped with a rope of 3 metres length. There are 10 marks in distances of 200 mm on the first 2 metres above the disc.
The Visibility Disc is lowered into the water and reading of the depth is made by means of the marks at the rope when the disc is no longer visible in the water.
It is lowered another 0.5 m and then heaved slowly again. The second reading is made when the disc becomes discernible.
Now the arithmetic mean from both readings has to be made to determine the visibility depth.

**440 060 Hand Winch**

for the operation of hydrometrical, limnological and similar instruments up to a maximum load of 15 kg. The winch is made of sea-waterproof aluminium and additionally protected against corrosion by an enamel finish.
The wire drum has a capacity of 200 m steel rope of 2,5 mm dia.
The counting device makes it possible to read the amount of wire paid out. This counting wheel is provided with a zero setting. By a locking device the rope can be fixed at the desired depth.
A heavy clamp-on device made of steel with a maximum span width of 70 mm allows the winch to be fixed onto the wall of a boat, onto bridge rails, well pipes, etc.
Weight of the winch 8 kg.
Without steel rope

**440 065** Stainless Steel Rope, 2,5 mm diameter




**460 800 Clinometer (wire angle indicator)**

The Clinometer is a simple, rugged instrument for determination of the required rope length for towed devices which shall be operated at a certain depth. The angle of inclination of the towing rope is determinated by taking bearings through the slit of the Clinometer. The depth (X) can be calculated by the formula

X = metre rope x cos $\propto$