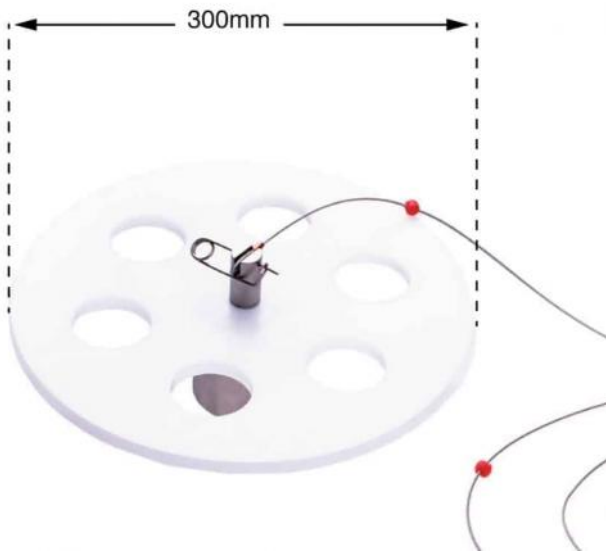




HYDRO-BIOS

Smart Sampling

Datasheet Secchi 10m (30cm) (443 593)



Visibility Disc acc. to Secchi 30 cm, 10 m rope with marks every 10 cm on first 8 m

Water transparency determination in lakes and oceans acc. to ISO 7027

The Secchi lens is a white plastic lens with a diameter of 30 cm and an additional weight of 2.3 kg. It is an easy-to-use instrument for standard monitoring of water transparency in lakes and oceans. The sight glass is equipped with a 10 meter long steel rope. The first 8 meters of rope above the glass have markings every 10 cm for measuring purposes.

The Visibility Disc is lowered into the water and the immersion depth is read from the marked rope at the moment the disc vanishes from sight. It is lowered another 0.5 m and then heaved slowly again. The second reading is made when the disc reappears. The arithmetic mean from both readings equals the visibility depth.

TECHNICAL DETAILS

length	10 m (8 m with marks every 10 cm)
diameter	30 cm
weight on air	2.3 kg
materials	plastic, weight stainless steel
product ID	443 593