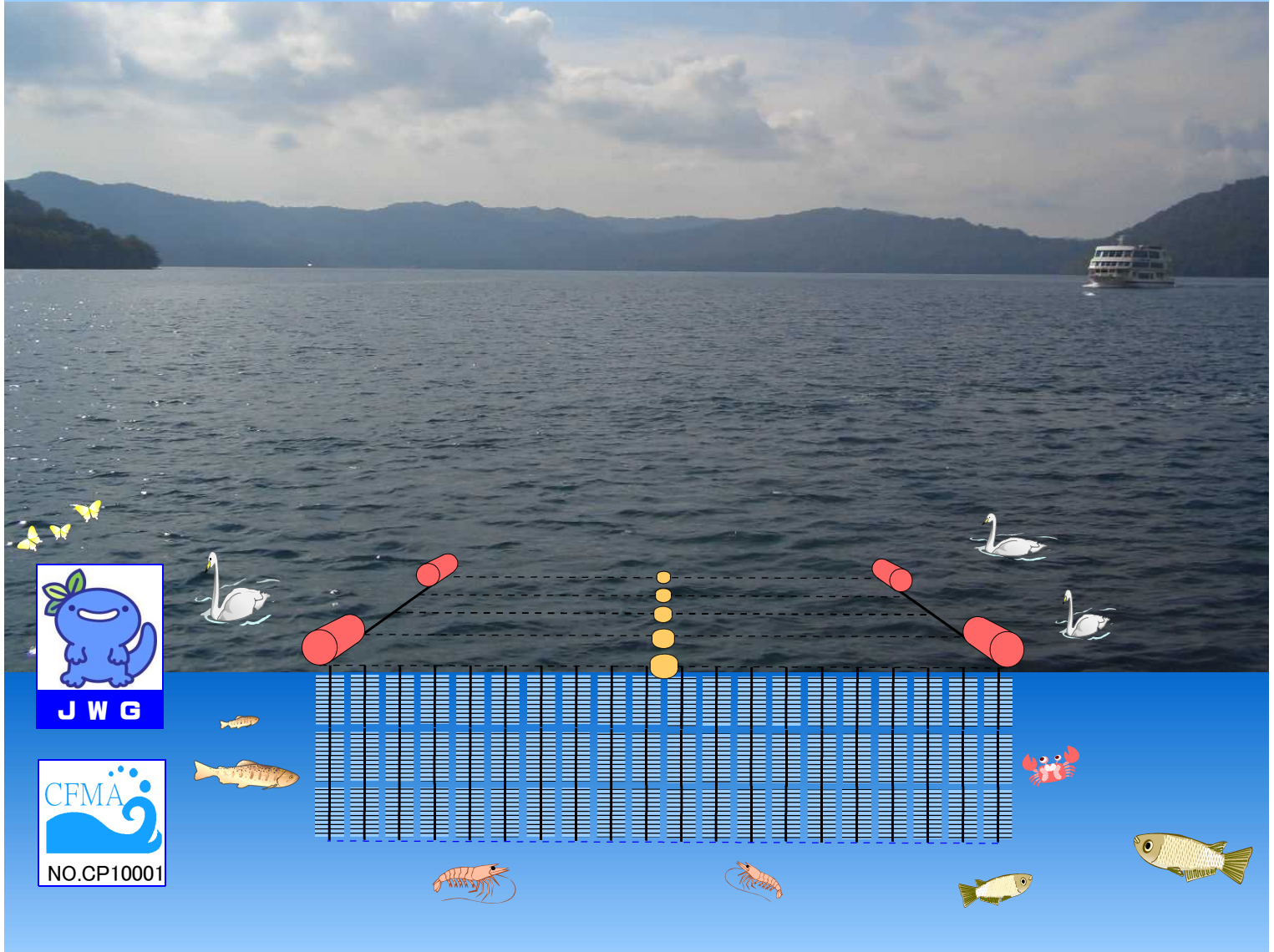


CarbonFiber Water Purification

Water purification and ecosystem conservation in large water area (rivers, lakes/ marshes, and canals)

MiraCarbon Rope-Floating Unit

~The carbon fiber water purification material hanging with rope and float from above the water~



- ※This unit enables to purify large amount of water effectively and economically
- ※This unit enables to be installed widespread area by adding on units



Fishing pond (Kawasaki, Kanagawa)



IU-3K1-10



Lake (Eastlake, Wuhan, China)

MiraCarbon Rope-Floating Unit

- In the standard product, MiraCarbon hanging with 5m rope is one unit.
- Single row is made by connecting the upper and lower side of hanging with rope unit
- Single Rope-Floating unit is made by multiple rows which connect Hanging with Rope units.

Model Number	Hanging unit	Unit Qty	L (m)	W (m)	H (m)	Fiber amount (Kg)
1 × 1 0 S	IU-1K3-10	1 0	5.0	5.0	0.8	2.0
2 × 1 0 S		2 0	10.0	5.0	0.8	4.0
3 × 1 0 S		3 0	15.0	5.0	0.8	6.0
4 × 1 0 S		4 0	20.0	5.0	0.8	8.0
1 × 1 0 W	IU-2K3-10	1 0	5.0	5.0	1.45	4.0
2 × 1 0 W		2 0	10.0	5.0	1.45	8.0
3 × 1 0 W		3 0	15.0	5.0	1.45	12.0
4 × 1 0 W		4 0	20.0	5.0	1.45	16.0
1 × 1 0 T	IU-3K3-10	1 0	5.0	5.0	2.1	6.0
2 × 1 0 T		2 0	10.0	5.0	2.1	12.0
3 × 1 0 T		3 0	15.0	5.0	2.1	18.0
4 × 1 0 T		4 0	20.0	5.0	2.1	24.0

(Framing plan)

■ Standard Specification
 Mooring float: Buoyancy 80kg
 Middle float : Buoyancy 5kg
 Metal fittings: SUS L-50×50×4
 Mooring: depending on the site

- Weight in the bottom of the water
- Rope from the land

■ Model number indication
 Model Number:
 $N \times M (S \cdot W \cdot T)$
N: Connect number 5m×1 ~ 4 → L
M: Standard 10 rows @ 0.5m → W
S: Single → 1 column
W: Double → 2 columns
T: Triple → 3 columns

※ Please consult us about custom-made and changing the distance between units.

Hanging with Rope Unit

Classification (Qty in length)	Model Number	MiraCarbon	Material Qty	L (m)	H (m)	Fiber amount (g)
S (single)	IU-1K3-10	CFK-3	10	5.0	0.8	200
W (Double)	IU-2K3-10	CFK-3	20	5.0	1.45	400
T (Triple)	IU-3K3-10	CFK-3	30	5.0	2.1	600

(Profile sketch)

■ Standard Specification
 MiraCarbon: CFK-3 (CFS-2)
 Upper rope: PE6mm
 Lower rope: SUS wire 4mm
 Material attachment: Clamping band
 Unit connection: SUS spring hook

■ Model number indication
 Model Number: IU-nK3-m
 Area: n = 1~5, m = 2~20
 Standard: n = 1~3, m = 10
 S: n=1, W: n=2, T: n=3

※ The standard product is made by CFK-3, but we can make this set with different MiraCarbon (CFS-2).

※ Please consult us about customized size and additional MiraCarbon.

Cat NO.E005 2018.10	<p> ■ Manufacturer SO-EN CO.,LTD Sorimachi-building 1665-1 Shinbo-machi Takasaki Gunma 370-0018 JAPAN TEL +81-27-352-4857 FAX +81-27-352-4875 URL http://so-en.net/index-e.html e-mail: soen.net@gmail.com </p>
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