

SC-20K Counter Datasheet



Product Description

The SC-20K is a next-generation shrimp counter that:

- Uses Artificial Intelligence and Computer Vision to detect and count shrimp
- Can count up to 20,000 shrimp per minute or 1,200,000 per hour
- Delivers 95% accuracy
- Adapts to any transfer system, whether by pump or manual placement

Main Features

- ✓ Dimensions (L x W x H): 662 x 194 x 125 cm
- ✓ Weight: 500 kg
- ✓ Size range: 0.1 – 5 grams
- ✓ Fast and accurate shrimp counting
- ✓ Does not require internet
- ✓ Easy to use
- ✓ No calibration needed
- ✓ Stainless steel structure
- ✓ Self-cleaning high-resolution cameras
- ✓ Cloud storage

Benefits

- ✓ Accurate stocking in ponds
- ✓ Transfer average weight and shrimp distribution
- ✓ Reduced stress and handling of shrimp
- ✓ Better feed management
- ✓ Reduced labor and operational costs during transfers
- ✓ Disease prevention
- ✓ Greater sustainability

Technical Specifications

Dimensions and Weight

- **Dimension (L x W x H):** 590 x 156 x 110 cm
- **Weight:** 500 kg

Power Source

- **Voltage:** 110 AC / 240 V AC
- **Total Consumption:** 580 W

Counting System

- **Material:** Surgical Grade Stainless Steel (INOX 316)
- **Thickness of the Structure:** 3mm
- **Counting Capacity:** 20,000 shrimp/minute – 1,200,000 shrimp/hour
- **Self-cleaning Cameras:** 5
- **Chambers:** 5

Screen and Control

- **Buttons:** Start (green) and stop (red)
- **Screen:** 33 x 10 cm
- **Remote Control:** Sincere Aqua App (Android)

Structure and Materials

- **Material:** Surgical Grade Stainless Steel (INOX 316)
- **Thickness of the Structure:** 3mm
- **Vertical Stabilizer legs:** Adjustable
- **Mobilization:** Trailer

Pipe

- **Shrimp Inflow:** 4 – 6 inches
- **Discharge of Excess Water:** Yes

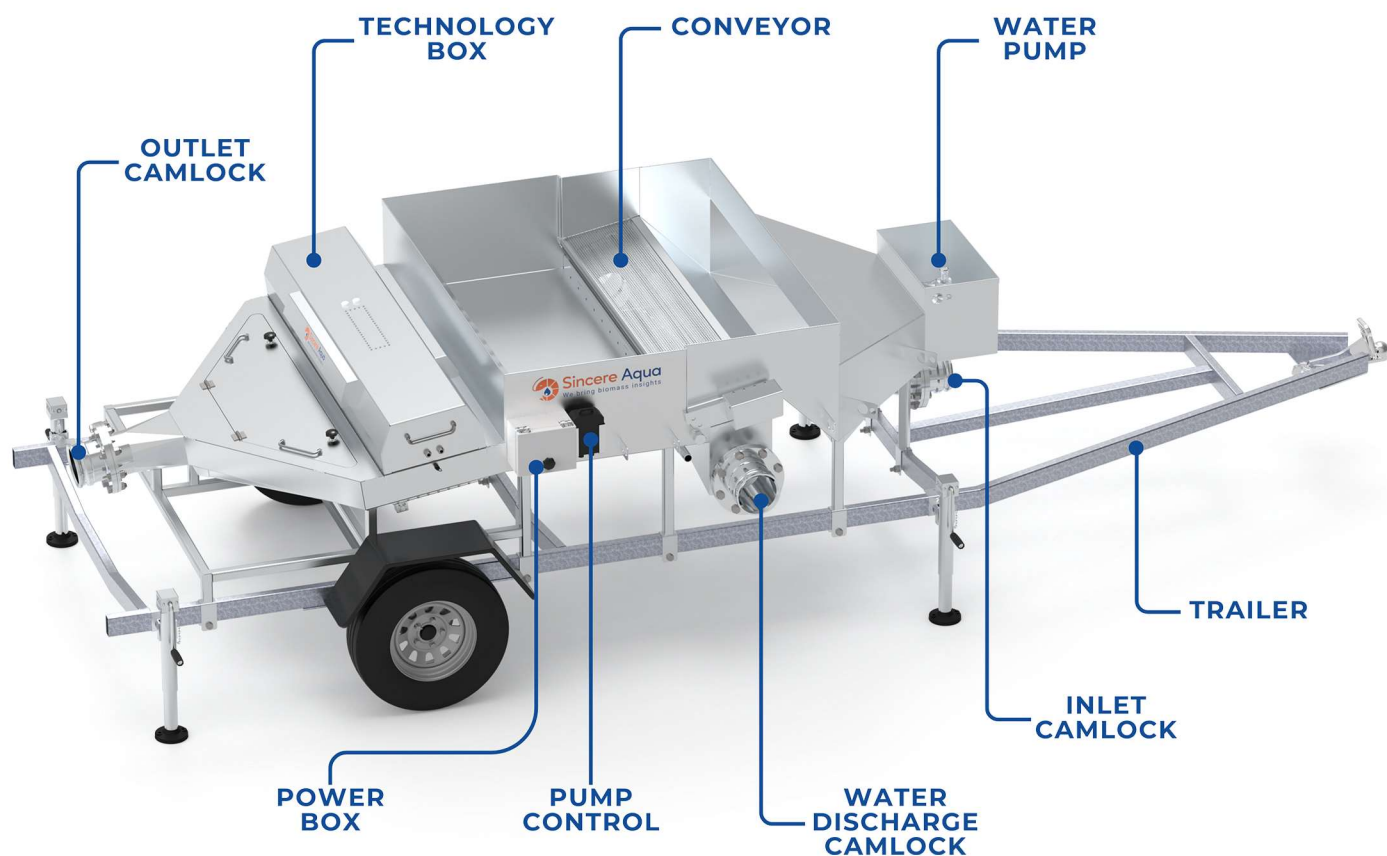
Internal Water Pump

- **Maximum capacity:** 30,000 L/h
- **Voltage:** 110 V AC / 240 V AC

Warranty and Additional Services

- **Warranty:** 1 year
- **Software Updates:** Included
- **Transfer Reports:** Available to view and download from the website
- **Sincere Cloud:** License for the Sincere Cloud Platform
- **SLA:** Extended Warranty + On Site Backup Technology box





What's included?

Additionally to the counter (Technology box) and bucket (Place where the shrimp are placed), the following items are included upon delivery.

NO.	ITEM	DESCRIPTION	QUANTITY
1	Water Pump	Water pump with 30,000 L/H capacity, pipes and screw clamps	1
2	Counter structure and trailer	Structure to support the counter to the adequate height and inclination, and a trailer to transport.	1
3	Inlet and Outlet 4"-6" pipeline connections	Internal Pipe, excess water discharge pipe and outlet pipe	4
4	Camlock Connector	Special Camlock connector to connect the pipes	4
5	Counter transporter box	Technology Box transport and protection case	1
6	Guides, manuals and datasheet	Necessary documentation for installation, operation, maintenance, app and cloud guide.	1
7	Pump Hose	32mm Hose Pump	1
8	Power Cable	10 meter power cable	1