



SORTpro

Product sheet

Please contact us at
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for more information

SORTpro

Automatically sorts salmon at high speed



The SORTpro automatically sorts 10,000 juvenile salmon per hour according to gender and other traits

Sorting by gender and removing unviable fish can boost harvest volumes, reduce costs, and improve capacity utilization

The SORTpro scans, classifies and sorts salmon between 20-100g

It keeps up with existing processes such as vaccination (at 10'000 fish per hour), with minimal training and effort required to operate the machine

**High-speed**

sorts 10,000 smolt per hour

**Consistent**

>95% accurate classifications all day

**Process-friendly**

can be used along-side vaccination

**Efficient**

operated by two people (non-experts)

**User-friendly**

minimum training of required

**Flexible**

scans smolt from 20g and up

**Non-invasive**

maintains animal welfare

**Versatile**

uses multiple imaging devices

**Future-proof**

added performance/features through updates

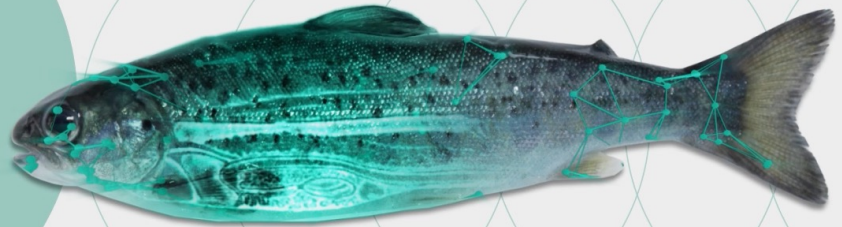
Specifications

Gender sorting, precocious males, deformities detection, and other traits under development

Length 2900mm, width 2000mm, height 2000mm

Type: 3L+N+PE, 3900W

Gender: Male
Sexual Maturation: No
Deformities: No
Diseases: No
Current weight: 36 gr
Length: 17 cm
Fish ID: SM1287456PS



Males grow faster than females. Keeping them together results in females being harvested too early (weight) and/or males being harvested too late (maturation). Group heterogeneity also worsens FCR.

50% of the Chilean juveniles are manually separated by experts. This service has not been available in other regions – until now.

The SORTpro is powered by so-called deep learning; a subset of AI where neural networks mimic the structure and function of a human brain, learning from examples.

The algorithms leverage a massive proprietary library of labelled videos and images to make (>95%) correct decisions.

New features such as identification of sexual maturation, deformities, and disease resistance are being added in the near term.

In addition to this, we have several ongoing and planned proof of concepts to expand the functionality of the SORTpro further via over-the-air updates.

We use a combination of imaging technologies to collect relevant information. These methods are non-invasive by nature and ideal for preserving the animal's welfare.

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builds artificial
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aquaculture

We were founded by [Nacre Capital](#), a venture builder for AI within the life sciences

Our sister companies include [FDNA](#), [Fairtility](#), [Seed-X](#) and Face.com (acquired by Facebook)

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