



FENIX Mini SMALL SCALE HUGE QUALITY

Fenix Mini: the brand new compact optical sorter from **3U Vision**, designed specifically for **small, exclusive, high value-added** production.



A 4 wavelength, multi-spectral system as standard with combined RGB and IR in a single 4K sensor: this innovative feature produces a **totally aligned view**. This feature is a valuable advantage when detecting defects in similar coloured products which **respond differently to infrared**, such as **foreign bodies, inorganic defects, etc.** This single camera is a **considerable cost saving** when compared to the market standard of requiring two cameras.

Flat spectrum LED (to reproduce the natural sunlight spectrum): state of the art full spectrum LED, **without the low light areas** typical of standard white LED. This makes it possible to detect **even the slightest colour variations**.

15" widescreens touch display: which **continuously display the key information** necessary to monitor the machine effectively.

Smart, custom designed cameras, comprising hardware and software made in Italy, which incorporate an **integrated elaboration and analysis system**.

Multi wavelength LED with focusing lens: this feature focuses the light **only where its desired** and achieves high illumination at a low consumption.

State of the art ejectors @ 3.2mm pitch: custom designed and specified to achieve **maximum sustained velocity** while their compact design almost doubles the number of ejector valves in each chute. This feature requires **less compressed air** yet **increases production capacity** and reduces the amount of good product being rejected.

RISE-UP system: this feature makes the ejector bank adjustable which **allows one to locate the ejectors close to the product stream**, almost half the distance compared to other sorters on the market. This **reduces errors** normally caused by the uneven fall speed of the product being sorted.

User friendly programming system: the software has been developed so that creating or modifying recipes does **not require a qualified technician**.

IOT ready, compatible with IOT 4.0: this enables the exchange of information related to estimated throughput, **estimated reject quantity, number of ejections, morphological product features**, etc.

Integrated Remote-Service system: in order to quickly assist the operator in real time, and **avoiding the need for on-site intervention**, saving the expense of a technician, regardless of your location.

FENIX Mini

OPTICAL SORTERS

SMALL SCALE

HUGE QUALITY

WIDTH: 590 mm
DEPTH: 1230 mm
HEIGHT body only: 1200 mm
HEIGHT with stand: 1700 mm

