



Best colour sorting technology ensures purest seeds

Experimental Station for Special Cultures (Austria)
Product: QUASAR 1000

The „Experimental Station for Special Cultures“ in Wies in southwest Styria is an institution of the Province of Styria. For more than five decades the experimental station has been a reliable partner of vegetable and horticultural businesses. Practical experimental work provides results for vegetable producers, commercial gardeners and herb companies. A further focus is the preservation of old, rare crop varieties. The product range comprises around 700 species and varieties of herb and vegetable seeds.

The problem: manual sorting of seeds is time-consuming and costly

The work of the experimental station is characterised by practical experiments, special cultures are examined in small quantities and many different batches make the process complex. In addition, the seeds to be processed are differentiated according to size, colour and shape as well as to different degrees of contamination. The manual sorting of the seeds is time-consuming and causes very high personnel costs.

The solution: highly modern colour sorting technology for small seed quantities

Sesotec ASM supplied the intelligent optical sorter QUASAR 1000 for the sorting of small seed's quantities. Thanks to the high-resolution true-color cameras, the device can detect

the finest color differences with the highest precision and eliminate off-colors. This guarantees maximum purity with minimum loss of good material.

The sorter is very compact, the operation is easy to understand. Additional benefits are the good price-performance ratio and the excellent quality.



Doris Lengauer, Head of the experimental station for special crops in Wies, is happy with her team about the new color sorting device.

The customer benefit: high-quality seed with less time and personnel costs

The installation of the intelligent optical sorter QUASAR 1000 has significantly improved the cleaning process in the test station in terms of accuracy and speed. The pre-cleaning is still carried out with simple devices, the post-sorting is no longer necessary and saves personnel costs. The whole process takes less time and gives a very high seed purity.

„Until now, we have sorted the seeds by hand and our team was busy with it for days. Definitely, the new sorter makes our work easier, which we are very pleased about,“ emphasizes test station manager Doris Lengauer. „We are also very satisfied with the machine in terms of price-performance, operability and product results, as well as with the support provided by the Sesotec staff“.

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Sesotec - an overview

The Sesotec group is one of the leading manufacturers of machines and systems for contaminant detection and material sorting. Product sales primarily focus on the food, plastics, and recycling industries.

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Metal detection systems



X-ray inspection systems



Sorting systems



Magnet systems