

WORLD'S SMALLEST WEIGHER SOLVES POLYDENTIA PROBLEM

Case Study
Polydentia

Facts and figures

- » For large production runs of its small dental wedges, Polydentia invested in an Ishida Micro, the smallest multihead weigher in the world.
- » The Micro weigher allows the weighing of the wedges by number as well as by weight.
- » The Micro has contributed significantly to the reduction of manual labour.

Ishida Europe's smallest multihead weigher is enabling Swiss dental supplies specialist Polydentia SA to accurately weigh and pack dental wedges faster than previous manual weighing had permitted.

Polydentia SA produces a wide range of precision dental products including wedges, posts, matrices, silicon tubes, fixing rings and ID rings, for worldwide export.

The wedges, which are only a few mm wide and 11-17mm long and made from maple wood in five different formats, are used by dentists to help carry out reconstruction and restoration work.

For large production Ishida's Swiss Distributor Itech (Rotkreuz) installed the Ishida "Micro". With 50cc hoppers, a footprint of 650mm x 650mm, a height of just 720mm and a weighing accuracy of only 0.01g, the Ishida "Micro" is the smallest and most accurate multihead weigher in the world.

This enables it to pack the wedges by number as well as by weight. To avoid problems caused by air currents blowing the very small items about during the weighing process, Ishida designed a special protective plexiglass cylinder to completely enclose the weigher.





“ We chose the Ishida weigher to enable us to prepare for future growth. Ishida and Itech have proven to be a trusted partner offering rapid technical assistance and 24-hour spares support. ”

The Ishida “Micro” is used for runs of over 1000 packs, working at a rate of 1000 weighments per hour, compared with 300 for manual weighing. The weigher provides extra flexibility for Polydentia, for example allowing it to handle sudden, unexpected increases in production orders, and has contributed significantly to the reduction of manual labour, helping to protect the business against low cost competition.

The “Micro” was chosen by Polydentia president Mr Schaffner to enable the company to prepare for future growth. He comments that in Itech AG of Rotkreuz, the Ishida distributor in Switzerland and Italy, he has found a trusted partner offering rapid technical assistance and 24-hour spare parts support.



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