

expect
more

MORE PRECISION. MORE COM



IMA DRAWS ON ITS
EXTENSIVE EXPERTISE
TO PROVIDE THE MOST
ADVANCED SOLUTIONS
FOR DPI PROCESSING
AND ASSEMBLY.

Direct weight control performed in line
on each single capsule or device before
and after filling.

Absence of mechanical powder compression
for improved airway intake.

Accurate micro-dosing and automatic feedback
and adjustment.

Highly flexible and precise inhaler assembly.

All of this is more than any other production
equipment can achieve today.

expect
+ _____

CONSISTENCY. MORE CONTROL.

more

+



EXPECT MORE





IMA Active is the ideal partner for solid dose processing and manufacturing. In-depth experience and constant commitment to innovation make us a leading supplier best equipped to find the most suitable solution to your requirements. Our expertise in capsule filling goes back to the 1950's and today we boast over 5,000 installations worldwide. Dosing precision, flexible configuration and easy inspection together enhance the quality of your products. High accuracy control and unrivalled experience in high containment are the hallmarks of our filling solutions.

We draw on our extensive expertise to provide the most advanced solutions for DPI processing. Our machines can fit special dosators for DPIs and can accurately adjust the dosing chamber without any need to compress or aspirate the powder. The direct net weight control is extremely precise: one additional weighing cell is included in order to give the zero value at each operation and to compensate weighing in real time.



EXPECT MORE





THE BEST SOLUTIONS FOR **DPI PROCESSING**

- ACCURATE MICRO-DOSING
- IN-LINE DIRECT WEIGHT CONTROL
- AUTOMATIC FEEDBACK AND ADJUSTMENT
- CONTINUOUS CALIBRATION OF WEIGHING CELLS
- STANDARD DEVIATION: 0.1 MG

ZANASI AND ZANASI PLUS

ZANASI machines are designed to satisfy low and medium-speed production requirements. Able to run with a minimum quantity of product, they are a cost-effective solution for DPI processing. Easy to manage, maintenance is reduced to a minimum.



70,000
capsules/
hour

ADAPTA 50, 100, 200

The ADAPTA capsule filling machines cover medium and very high speed production requirements and feature exceptional design flexibility. Fitted with the 100% direct fill weight control, ADAPTA ensures maximum dosing precision and reliability even at high speed.



200,000
capsules/
hour

EXPECT MORE





IMA Automation designs and builds turn-key assembly solutions for the medical device industry. Continuously drawing on innovative technologies together with comprehensive knowledge of processes, we provide engineered solutions for medical device projects at every stage. Our competent team of process engineers provides needed support in terms of proof of principles as well as design for manufacturing studies. We assist you in designing your device from early stage development right through to providing high-speed, fully automated assembly lines. And when the device progresses from low to high-speed automation, we adopt an analytical approach to assess risks and thereby avoid costly re-designs and significantly shorten lead times.

With our technology for DPIs, we offer our customers the optimal solution for the design, assembly and performance enhancement of inhalers. Our platforms' workflow includes powder dosing, capping and packaging up to vision, orientation and welding of the medical device.



EXPECT MORE





THE BEST SOLUTIONS FOR **DPI ASSEMBLY**

- HIGHLY FLEXIBLE INHALER ASSEMBLY
- SEMI-AUTOMATIC OR AUTOMATIC RUNNING MODE
- 100% WEIGHT-CHECK FOR ACCURATE AND RELIABLE PRODUCTS
- EASY-TO-CLEAN
- SMALL FOOTPRINT

PILOT MED

PILOT MED is dedicated to flexible, low to medium production volumes. It can be fitted with automatic or semi-automatic stations. Versatile, modular and compact, this platform is perfect to start the production of your DPIs.



1,200
parts/
hour

HIGH VOLUME MED

Available as a rotary or linear platform, HIGH VOLUME MED covers high-speed production. Robust and compact design available in a multiple configuration to fit your requirements using proven components. It allows your DPIs to be produced in an efficient, reliable and cost-effective way.



3,600
parts/
hour

inhalation.ima.it

