

A Mexican customer, specialised in the production of pharmaceuticals for patients with neurological or psychiatric disorders, requested us a line able to inspect and assemble pre-filled syringes. The line consists in a stand-alone machine from CMP Phar.ma alongside one from Corima. The tie-up between our two brands opens the way for a series of increasingly more complete lines for the inspection and handling of products such as pre-filled syringes and vials



SA12J

Inspection machine by CMP Phar.ma specifically designed to automatically perform visual impurity inspection of syringes, rejecting those with various types of defects

1 The inspection process begins with the control of the **flange** by **camera TV1**. Syringes with defects of the flange (cracking, chipping, breakages etc.) are rejected

2 **3** **Cameras TV2 and TV3** carry out **particle inspection**, rejecting syringes which contain any extraneous particles (glass, hairs etc.)

6 **Camera TV6** checks that the syringe's **security seal** is correctly positioned and inspects the **aesthetic appearance** of the syringe body

7 **Camera TV7** repeats the control of the **flange** by camera TV1

4 **Camera TV4** performs a dual task: a **third particle inspection** and checking the correct filling level of the syringe

5 **Camera TV5** checks the **presence and correct positioning of the stopper**, as well as any liquid which has leaked between the ribs of the stopper

Combi 1/2 PL

Automatic machine by Corima, which is designed to assemble disposable syringes (plunger insertion) and to label them with self-adhesive wraparound labels

With a turnover of **430 million euros** and **2,000 employees** in Italy and abroad, Marchesini Group is a flagship of the **Packaging Valley** in **Emilia-Romagna** and **one of the first worldwide manufacturers** of automatic pharmaceutical and cosmetic packaging machines

