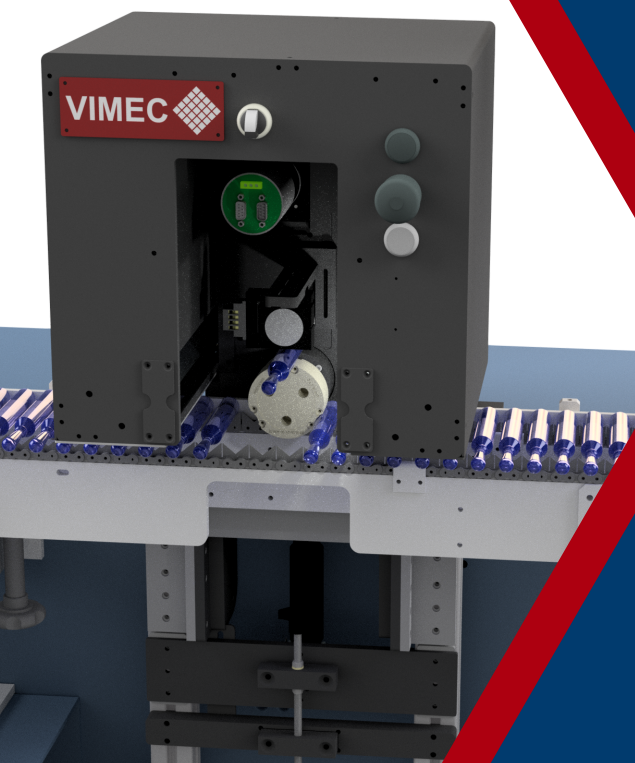




GIULIETTA:

COST-EFFECTIVE AMPOULE COLD END INSPECTION OPC & RINGS

ROBUST & RELIABLE

PARTNERSHIP



KESTREL VISION group



**AN EASY TO OPERATE SOLUTION THAT
DELIVERS HIGH-QUALITY PERFORMANCE**

Our System is



Standard

One specification, off the shelf components, robust design, no frills: WYSIWYG



Simple

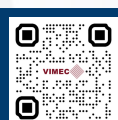
Focused functionality & concise user interface: no complexity, no confusion



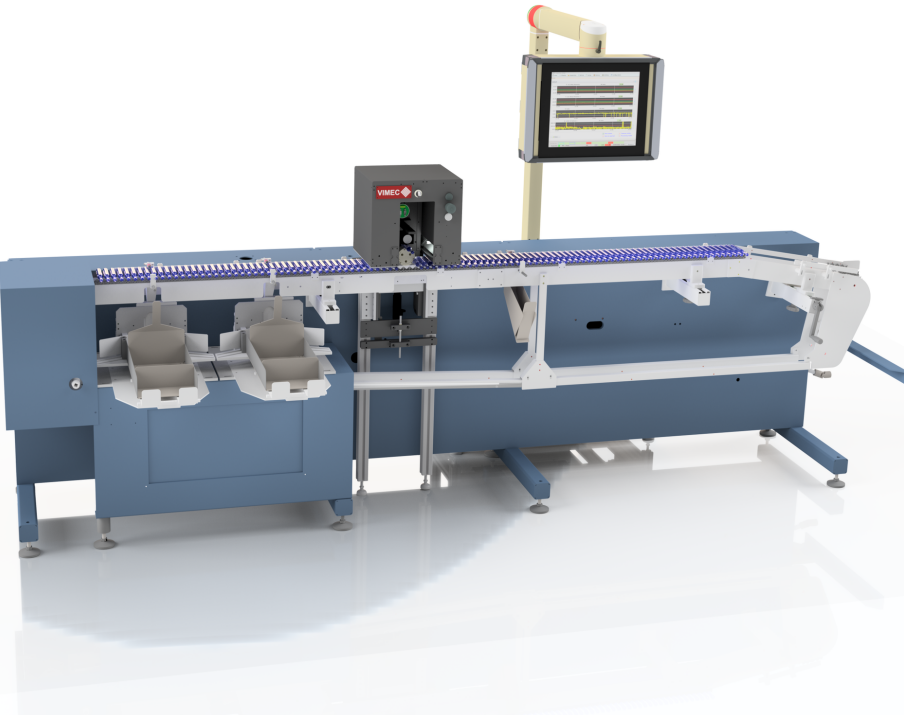
Easy

Plug & play on new and existing lines

- For ISO specified ampoules up to 20 ml
- 11 OPC measurements
- 2 cameras
- Pixel size, OPC: 64.6 μm
- Up to 120 ampoules/min
- Rotowheel product handling & positioning
- Operator-triggered electrical lifting from line
- Limited/concise user interface & functionality with password protected accessibility
- Manual camera adjustment
- Vimec software with standard software upgrades available upon request
- Suitable for 2 reject stations (1 upstream and 1 downstream)



PRODUCTION LINE VIEW



SCOPE OF SUPPLY



PARTNERSHIP



INSPECTION
SYSTEM

CONTROL
CABINET
WITH THE PC

VACUUM
PUMP

Our Measurements

1. OPC point, horizontal & vertical $\varnothing$ (d7 & d8)
2. OPC cut, length (l)
3. OPC cut, distance OPC cut from ampoule bottom (h4)
4. 1st ring, distance 1st ring external from ampoule bottom (hco)
5. 1st ring, min. & max. width 1st ring (b11 & b12)
6. 2nd ring, min. & max. width 2nd ring (b21 & b22)
7. 3rd ring, min. & max. width 3rd ring (b31 & b32)
8. 1st – 2nd ring, distance internal ring 1 & internal ring 2 (a1)
9. 2nd – 3rd ring, distance internal ring 2 & internal ring 3 (a2)
10. Ampoule, distance ampoule shoulder from ampoule bottom (h6)
11. Color break, min. & max. width color break ring (b41 & b42)

