



20DPH NEW METERING VALVE

Main features

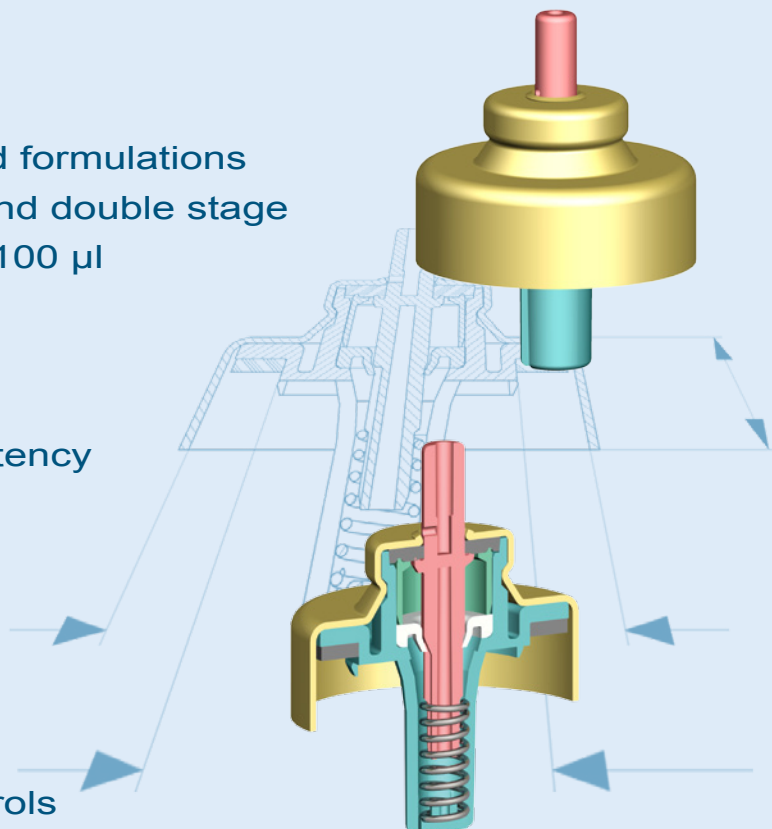
- Metering valve for inverted use
- For suspensions and solutions
- Suitable for HFA & CFC-propelled formulations
- Filling through the valve: single and double stage
- Available dosages: 25 / 50 / 63 / 100 µl
- Stem block Ø: 3.18 mm

Main attributes

- Shot weight accuracy and consistency
- Very limited moisture ingress
- Reduced contact area between external gasket and formulation
- Easy and fast repriming
- Low-extraction elastomers used: extractables studies available
- QA-critical 100% in-process controls
- EP/USP compliant plastic components and gaskets

Manufacturing conditions

- ISO 8 Clean Room manufacturing
- ISO 15378:2006 certification:
GMPs applied to Primary Packaging
Materials for Medicinal Products



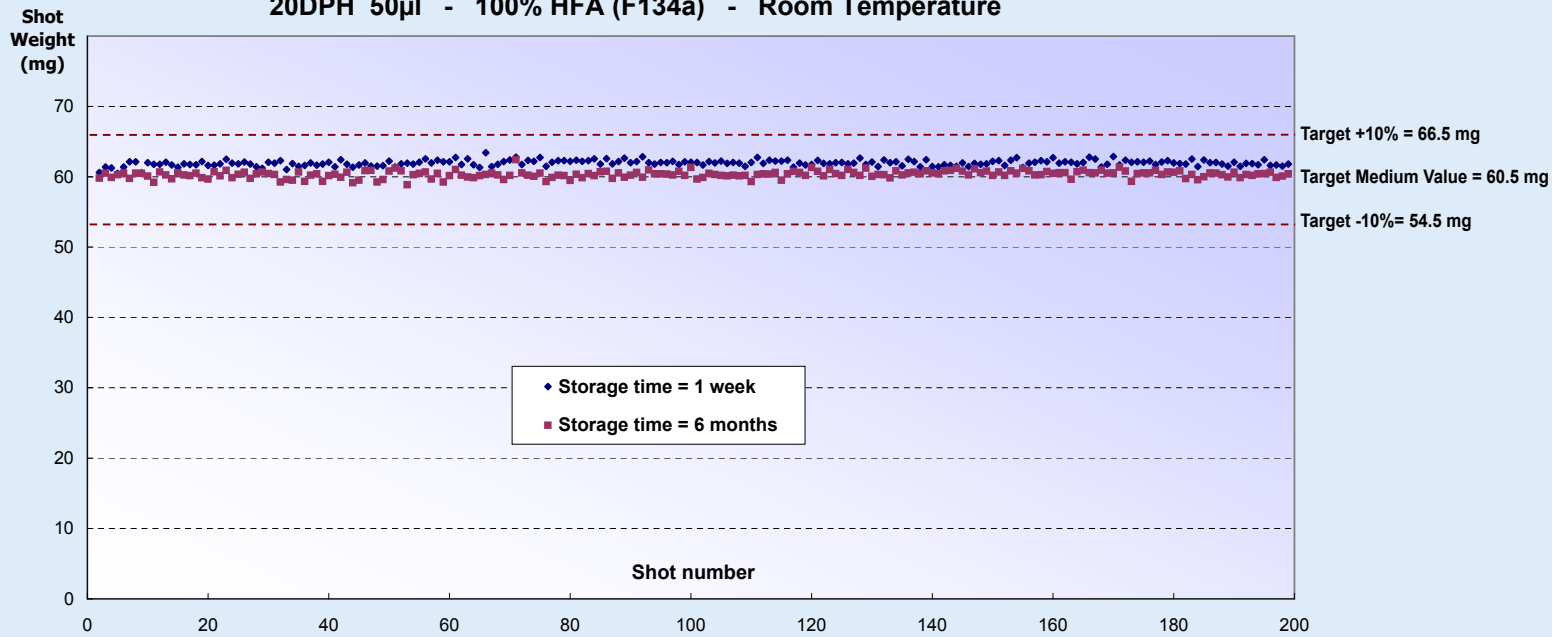
Coster Tecnologie Speciali S.p.A.

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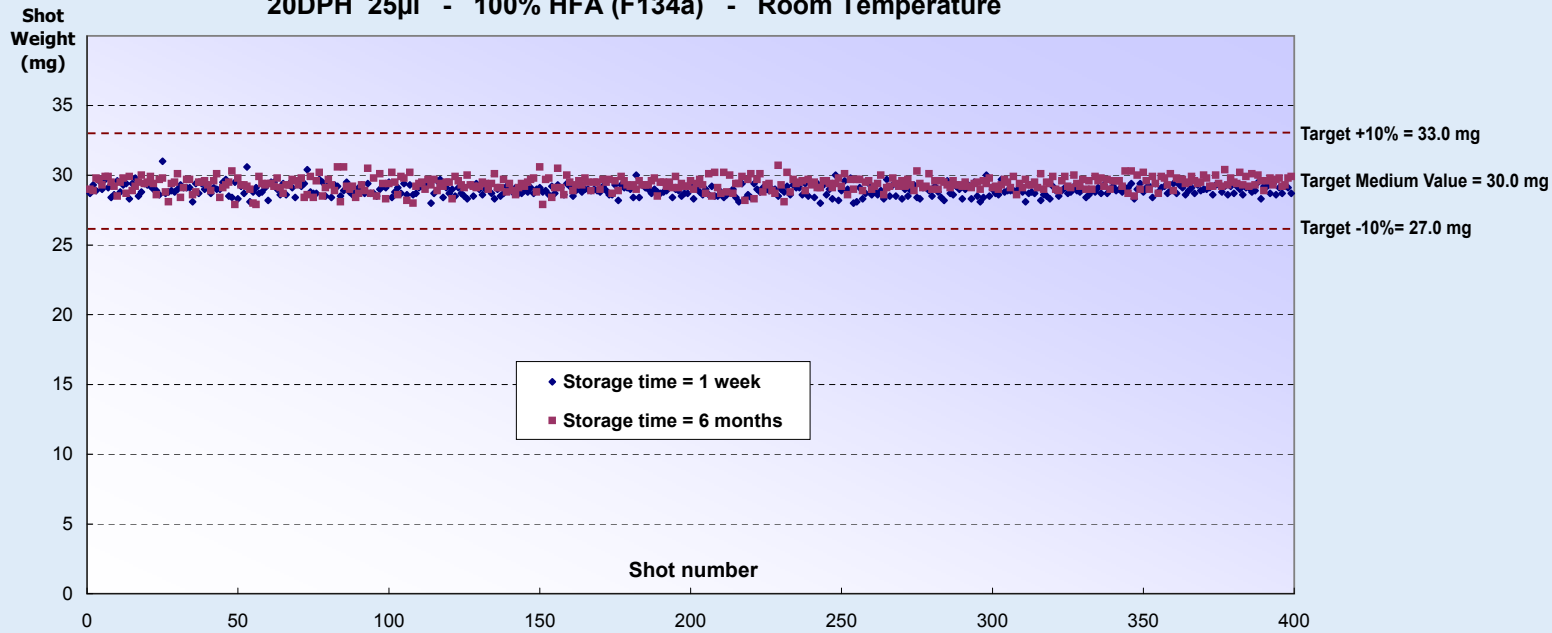
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Shot Weight through the Life

20DPH 50 μ l - 100% HFA (F134a) - Room Temperature



20DPH 25 μ l - 100% HFA (F134a) - Room Temperature



Laboratory Equipment

- GC - Gas Chromatograph
- Integrated Microscope and FT-IR Spectrometer
- DSC - Differential Scanning Calorimeter
- TGA - Thermogravimetric Analyzer (FT-IR coupling)
- Dinamometers
- Extractometer
- Laser Diffraction Particle Size Analyzer
- High-speed Vision System
- Automatic Shot Weight Measurement System
- Gassing Room
- Karl Fischer Titrator