BESPAK
A Consort Medical Company

UNIDOSE™ XTRA

Overview

The Bespak Unidose™ Xtra device offers unique performance advantages through the use of IP-protected mechanisms that control device actuation and drug delivery.

- Ergonomic design
- Repeatability by the user that would otherwise only be achievable via lab equipment
- Customisable drug delivery and plume geometry characteristics
- IP protection for enhanced life cycle management

WORLD CLASS DEVICES. DELIVERING QUALITY. AT EVERY STAGE.

Bespak, a Consort Medical Company, is a global market leader in the development and manufacture of drug delivery devices for Inhalation and Injectables markets.

Bespak has contributed to the design, development and industrialisation of some of the world's leading medical devices.

With an in-depth understanding of design for manufacture and a robust continuous improvement methodology, Bespak's programme management capability supports the full lifecycle of a product.

Bespak supports device programmes from pilot-scale to commercial supply.

- Over 500m devices per annum
- 26,790m² of manufacturing space
- 17,359m² of clean rooms
- 30 fully automated assembly suites
- 125 injection moulding machines
- 3.6 billion components assembled annually
- 2.6 billion plastic components moulded annually
- Six sigma quality (less than 3.4 defects/million)
- High standards of regulatory compliance, including ISO 13485
- MHRA commercial drug handling license

Figures correct as at 02.10.17.

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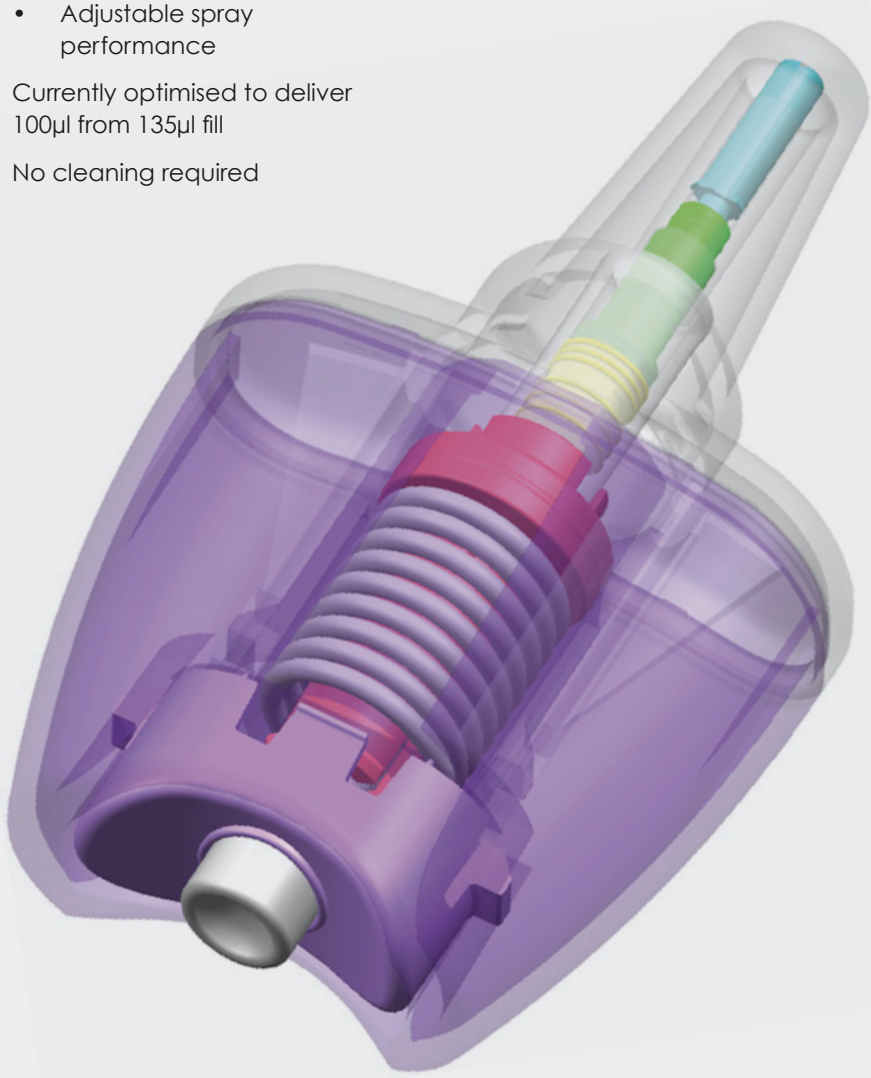
Bespak's proprietary technology key features:

- Patented needle free seal technology
- Patented spring powered mechanism
- Simple, single unit dose delivery with no priming required
- Ergonomic shape:
  - Ambidextrous profile
  - Not user or orientation dependent
  - Usage indication
- Low actuation force:
  - Simple push button operation
  - Minimal button travel
- Consistent spray pattern with patient independent spray performance (see figure 1):
  - Adjustable volume
  - Adjustable spray performance
- Currently optimised to deliver 100µl from 135µl fill
- No cleaning required
- Verified extractables profile:
  - Regulatory compliant materials utilised for drug flow path



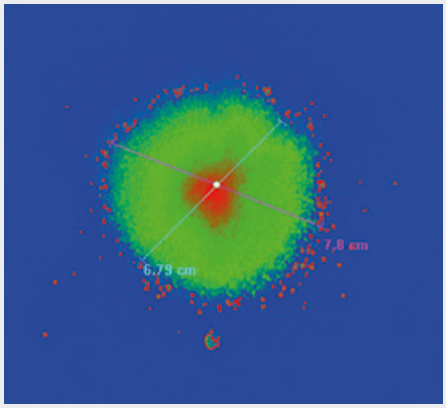


Figure 1: Example device spray pattern

To discover how we can support your needs contact:

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