

# ROTARY CRIMPER

An ultra-compact and fully configurable, aseptic crimping platform, with capping force measurement, designed for use in R&D and small scale batch manufacturing.



Precision quality crimping of cartridges, vials and custom containers



CUSTOM  
CONTAINERS

3P innovations Rotary Crimper is part of 3P's Discover Range. The crimper's 'Core Technology' creates a system with adjustable process parameters allowing for adaptable scale up across 3P's pharma equipment ranges.



Scalable precision crimping technology



# ROTARY CRIMPER

An ultra-compact and fully configurable, aseptic crimping platform, with capping force measurement designed to help customers develop and manufacture new drugs and devices at low risk.

Part of our Discover range, this technology is ready to use in existing containment isolators, RABS and biosafety cabinets and provides 100% stopper compression force verification, enhancing product quality and regulatory compliance.

Recognising the vial capping process to be a potentially critical operation during drug product manufacturing, the Rotary Crimper's repeatable high precision process ensures consistent container closure integrity.

## SCALABLE

This Rotary Crimper offers an aseptic crimping platform perfect for lab-scale and clinical manufacture thanks to its benchtop format.

The crimper's 'core technology' is the same technology used in our automated fill-finish production lines across 3P pharma equipment.

## Evolve Range

### Discover Range

### KEY BENEFITS INCLUDE:

- Small footprint fits inside standard biosafety cabinets, RABS, and down-flow booths
- Low particle generation
- 100% in-process stopper compression force feedback enabling a validated stoppering process
- Aseptic design and cGMP compliant
- Adjustable process parameters to suit all container types
- Intuitive touch-screen HMI with CFR21 part 11 compliance
- Hydrogen peroxide compatible

### CORE TECHNOLOGY:

#### ADJUSTABLE PROCESS PARAMETERS

- 1 Compression Force
- 2 Crimping Rate
- 3 Crimp Wheel Height
- 4 Rotation Speed

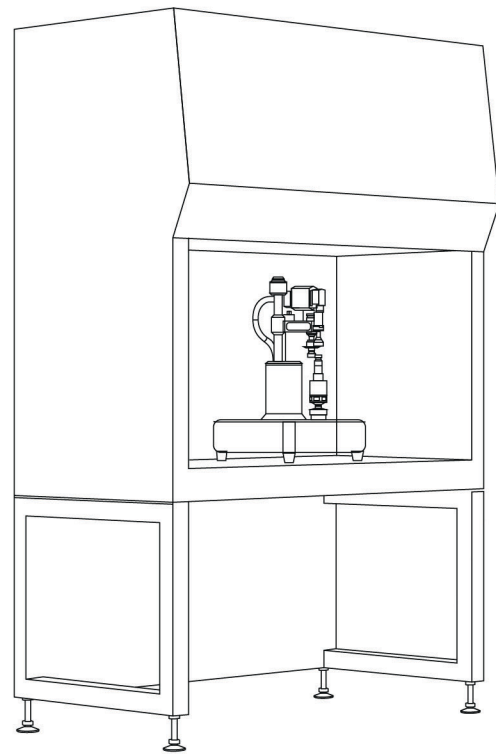
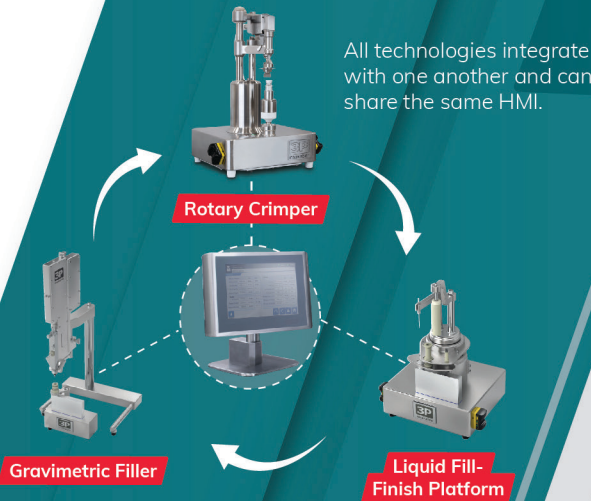
# THE DISCOVER ECOSYSTEM

This Rotary Crimper is part of the Discover Ecosystem, which includes our Gravimetric Filler and Liquid Fill-finish Platform.

### BENEFITS OF THE DISCOVER ECOSYSTEM

The use of the Discover Ecosystem accentuates the benefits of integrated quality and control system.

- An integrated end-to-end fill-finish crimping system
- Quick and easy set up via a single HMI
- Centralised data storage



## OPTIONS

POWER SUPPLY	Single phase electrical supply
WEIGHT	Approx 23kg / 50.7lbs (excluding control panel and touch-screen)
DIMENSIONS	Width: 422mm / 16.6 inch Height: 550mm / 21.6 inch Depth: 375mm / 14.8 inch

The compact footprint of the Rotary Crimper, enables the system to be comfortably housed in most standard and small bio-safety cabinets, with room to be used in conjunction with our Liquid Fill-finish Platform.

IPC CHECK	Integrated measurement of stopper compression force
VALIDATION	Validation package options: <ul style="list-style-type: none"><li>• Product contact material certificates</li><li>• 3P default IQ OQ protocol</li></ul>
DATA MANAGEMENT	<ul style="list-style-type: none"><li>• User Access control</li><li>• Batch reports</li><li>• Recipe editor</li><li>• 21CFR11</li></ul>





3P innovation is a dynamic and successful engineering and automation company with a strong reputation for helping multi-national customers to develop, produce and commercialise new products quickly and cost effectively.

#### OUR EXPERTISE IS DIVIDED INTO TWO SUB-BRANDS:

Our **pharma equipment** brand covers our own equipment portfolio, which has been designed to support customers through the different phases of their product's lifecycle - from initial drug development activities, through clinical stage manufacturing and onto commercial scale production.

Focused on quality and production efficiency, each one of our ranges and their equipment have been developed to meet our core values of 'process understanding' and scalable methodology.



Access  
our virtual  
showroom

SCAN ME

**Custom automation** is our traditional area of business, working collaboratively with our customers to support product and process innovation and development.

Our specialisms include design and development of equipment for assembly and test automation, web-based material handling and converting, powder and liquid filling, device filling and finishing and also specialist aseptic processing.