

MAN01-10 – CRYO VIBRATION ISOLATION PLATFORM (CVIP) USER MANUAL

## CRYO & NANO PRODUCTS

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### RELEVANT DOCUMENTATION

Ref	Title, Author
[1]	CNP_MAN00_Rxx_Getting-Started.pdf (JPE)
[2]	CVIP_Interface-drawings.pdf (JPE)
[3]	CVIP_Brochure.pdf (JPE)
[4]	
[5]	

### DOCUMENT HISTORY

Version	Date	Description
JPE	2019-06-20	Ro1. Creation.
JPE	2021-02-01	Ro2. Update.

### DEFINITIONS

Term	Definition

### ABBREVIATIONS

Abbreviation	Full Name

## 1. INTRODUCTION

Thank you for using JPE's Cryo & Nano Products!

This *User Manual* describes the handling and use of Cryo Vibration Isolation Platform (CVIP), from here on described as system.



*Please read this document carefully prior to installation and (initial) operation of the controller, (stand-alone) actuators and systems. Failure to observe the safety regulations results in a risk of mortal electric shock and/or damage to the controller(s), actuator(s) and/or system(s)!*

*JPE shall not be liable for damage or injury resulting from misuse of the controller system(s), actuator(s) and/or device(s) or unauthorized alterations to either of those.*

**All products mentioned in this manual are intended for use in a laboratory and/or scientific research environment only** and may only be installed, maintained and used by higher educated, technical skilled personnel (from here on described as operators).

Please note that all content in this document is superseded by any new versions of this document. Visit the JPE website ([www.jpe-innovations.com](http://www.jpe-innovations.com)) to obtain the most recent version. All images in this document are for illustrative purposes only.

### 1.1 Prerequisites

*Before continuing with this user manual, please make sure to read and understand the contents of the (latest version of the) Cryo & Nano Positioning Products Getting Started Guide (MAN00).*

## 2. INSIDE THE BOX

Systems will be delivered in a white-colored (membrane) polypropylene box. The inner part of the polypropylene box can be taken out and bend in such way that the actuators and/or systems can be easily unpacked.

*Do not cut the membrane plastic. Keep the box in case products need to be returned.*

### 3. MOUNTING INSTRUCTIONS

View the Interface Drawing for detailed dimensions and mounting interfaces.

#### 4. DECLARATION OF CONFORMITY

Manufacturer : JPE B.V.  
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6199 AG Maastricht-Airport  
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The manufacturer hereby declares that the product:

Product Name : **Cryo Vibration Isolation Platform (CVIP)**  
Product Description : **Isolation platform for attenuation of cryostat cold plate vibrations.**  
Product Number : **C181052**

Complies with the following European directives:

**2011/65/EU RoHS**

A copy of the Technical file for this equipment is available at JPE.

Maastricht-Airport, 29 June 2018



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