

## Robotic ESD Gun Tester *SmartZap-PT*

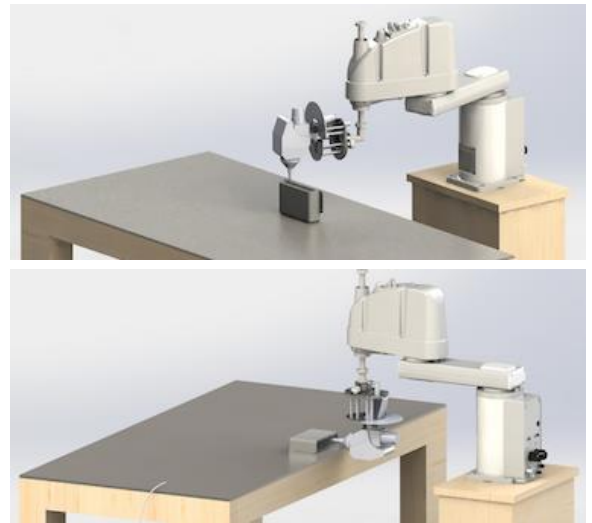
The *SmartZap-PT* is a SmartZap model optimized for automobile connector pin test.

### Main Features

- Easy definition of test procedures and action sequences
- Supports any ESD gun model
- Zapping from top or front
- Contact verification of the gun tip and pins
- Complete ESD simulator test condition control

### Options

- Automated failure detection module
- Automated gun tip change (contact  $\leftrightarrow$  air) <sup>(1)</sup>



### Hardware Specifications

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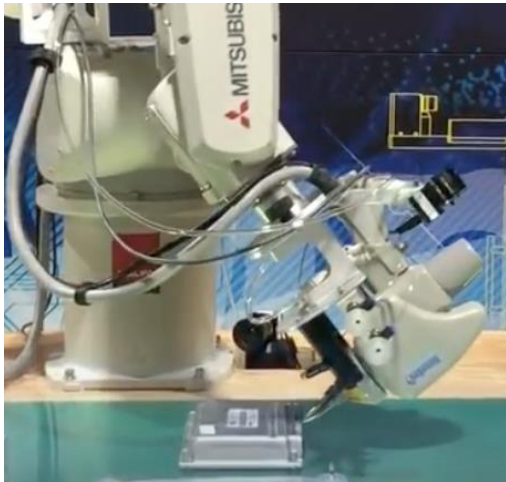
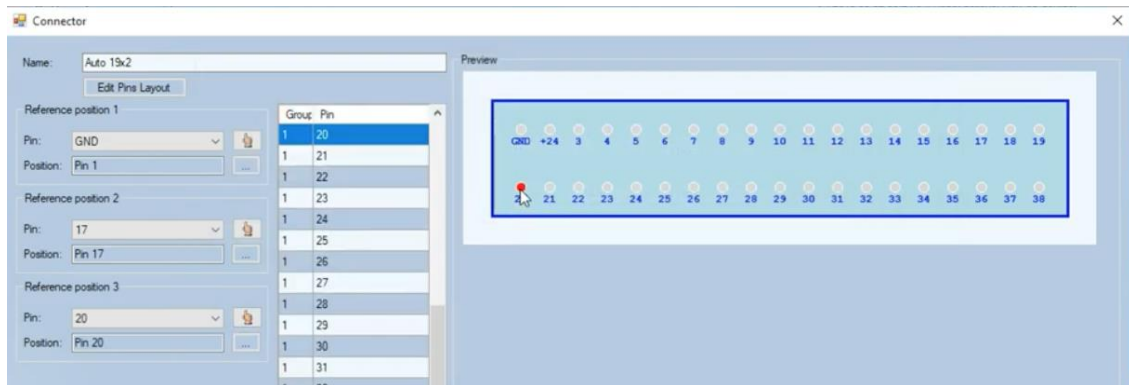
Robot	<ul style="list-style-type: none"> <li>• Number of axes - four</li> <li>• Arm reach - 400 mm (15.7")</li> <li>• Accuracy - 30 <math>\mu</math>m</li> <li>• Z stroke - 18 cm (7")</li> </ul>
System dimensions	<ul style="list-style-type: none"> <li>• W x D x H : 24" X 24" x 52" (61 cm x 61 cm x 132 cm)</li> </ul>

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**Notes:** (1) This option requires a pneumatic circuit module

## Programming is easy

- Create a virtual connector
- Assign test conditions - gun voltage, polarity, etc.
- Verify contacts by "Contact verification module"; Adjust the offset if needed using the provided joystick
- Specific name can be assigned to each pin, i.e. GND, VDD, etc.



Automobile connector pin test by *SmartScan-Pro*

### Video link:

<https://www.youtube.com/watch?v=0Q1DMVtFbbk&list=PLt6UA1XwAK-5REqCAfPIkKF4FNk5gnfcS>