

# 3 Point Bend Fixture

## Datasheet

### Features and Benefits

- **Adjustable stops to accommodate sample spans up to 200mm and widths up to 50mm**
- **Rugged design for reliability and reproducibility**
- **Rated capacity at 50kg catering for a wide range of applications**
- **Bespoke tests as well as industry standard tests**
- **Conforms to international standards ASTM D790, IPC TM-650 and IEC 61189-2:TM20**
- **Compatible with a range of Push Pull load cartridges, PP50KG, PP5KG and PP500G.**

The Nordson DAGE 3 point bend fixture enables an array of destructive and non-destructive flexural tests to be performed which simulate tensile and compression stresses on a specimen. Tests include; flexural yield strength, flexural strength and determination of flexural modulus, when coupled with a push pull load cartridge.

The 3 point bend fixture enables easy loading and alignment of samples under test. It has a wide loading tool, allowing a range of specimen sizes to be tested, eliminating the need for custom one off fixtures.

The Nordson DAGE 3 point bend fixture conforms to common international standards for standardised test purposes and requirements. Common standards the 3 point bend fixture conforms to include ASTM, IPC and IEC.



3 Point Bend on the 4000Plus

## Specifications

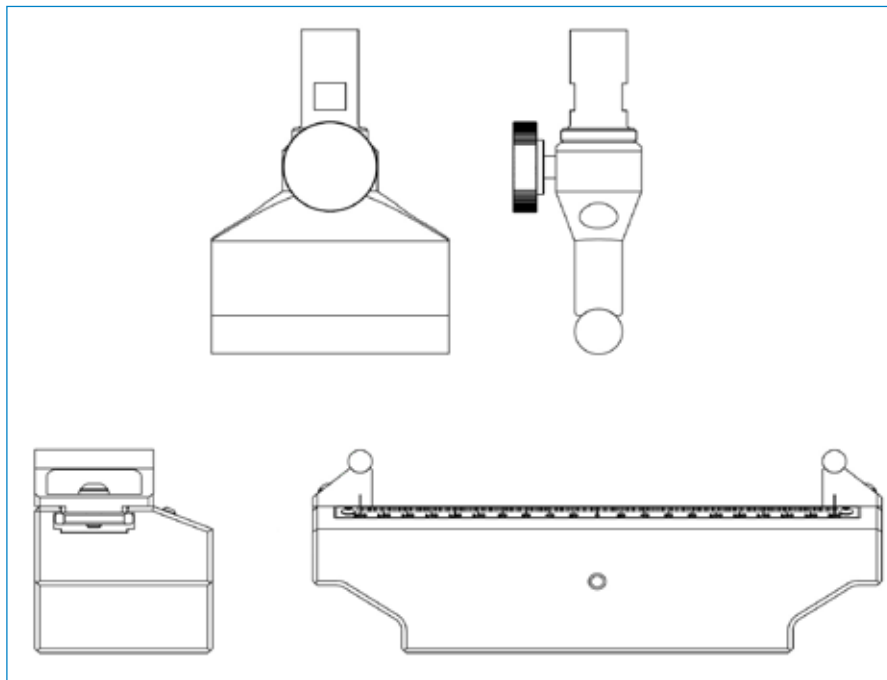
Maximum capacity 50kg  
Span distance (adjustable) 10mm to 200mm  
Maximum specimen width 50mm  
Lower support anvils diameter 10mm  
Upper support anvil diameter 10mm  
Overall width 240mm  
Lower fixture height 800mm  
Upper fixture height 25mm

## Weight

Lower fixture	3200g	Upper fixture	111g
Lower anvils	28.9g	Upper anvil	28.9 g

## Further Information

- An adjustable working height work holder is available for testing requirements which may require maximum flexures of a specimen
- Fully compatible with 4000*Plus* Paragon™ software
- The 3 point bend fixture has the part number 4000*PLUS*-BEND-FIX-3
- Full technical support is available worldwide



Upper and lower fixture diagram

For more information,  
please contact your  
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or speak with your  
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