

## 1 – Measurement Overview

An option will show within the top menu bar to access the measurement tools for 2D documents.

This menu may be alternately expanded or collapsed by clicking on the button.



## 2 - Measuring Distances

The following distance measurement options exist:

### 1. Point-To-Point Measurement


When selected, click and drag to measure the relevant distance on the artwork canvas:



Note, if a straight line is drawn, the following view will be displayed:



Once finished, click the **Clear** option  or select another tool to clear the measurement overlay.

An option to convert the measurement into an annotation is also shown , selecting this will open a new annotation with the details pre-populated from the measurement.

## 2 - Measuring Distances (continued)


### 2. Area Measurement


When selected, click and drag to measure the relevant distance / area on the artwork canvas:



Note, if a straight line is drawn, the following view will be displayed:



Once finished, click the **Clear** option  or select another tool to clear the measurement overlay.

For both **Point-to-Point** and **Area** Measurements, a **Convert to Annotation** option  is displayed next to the measurement on the canvas. Selecting this will create a new annotation with the details pre-populated from the measurement. This can then be edited and saved as a normal annotation.

### 3. Vertical and Horizontal Measurements


With either of these options selected:

- First, click and drag to set the initial measurement distance.




- The initial measurement distance is remembered: click and drag around the canvas to re-position the measurement rule, this is useful when scanning between lines of text to verify size.
- An option to save your measurement is shown, selecting this icon will add the measurement to the saved measurements area, which can be accessed by hovering over the horizontal/vertical measurement icon:



- Selecting a measurement from your saved list will draw the measurement on the canvas for you.
- Click the **Clear** option  or select another tool to clear the measurement overlay, but note that this will not clear the set measurement distance.
- To set a different measurement distance, re-activate the vertical or horizontal measurement tools and draw the required distance on the canvas.

### 3 – Measuring Barcodes


The **Barcode Measurement tool**  allows digital barcode scanning within the selected area of the artwork.

- With the tool selected, click and drag over a 1D (EAN / UPC / ITF) or 2D (Datamatrix / QR) barcode.
- If a barcode is found, its type and human-readable code will be shown above together with the ink (separation) name that is printed within.
- If not displayed already, the right-hand pull-out will appear, displaying the barcode information against the relevant separation.
- For EAN-8, EAN-13, UPC-E, UPC-A and ITF-14 barcodes, the barcode magnification percentage is also shown.
- An option to convert the measurement into an annotation is also shown, selecting this will open a new annotation with the details pre-populated from the measurement.

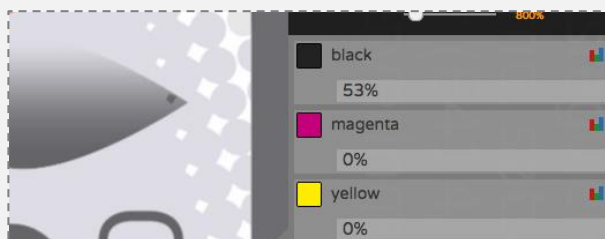



Once finished, click the clear option  or select another tool to clear the measurement overlay.

### 4 – Measuring Ink (Separation) Density

The **Colour Density tool**  allows digital measurement of ink coverage.

- With the tool selected, click and drag over an area of the artwork, or click on a point.
- If not displayed already, the right-hand pull-out will appear, displaying the ink percentage found within the relevant area / point against each separation.



Once finished, click the clear option  or select another tool to clear the measurement overlay.

## 5 – Text Measurement

The [Text Measurement tool](#) allows selection of document text to facilitate text amends without needing to re-type the current text manually.

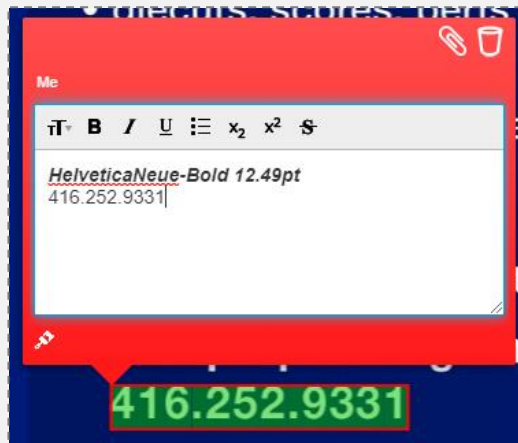
*Note that the tool will only work with Live text (i.e. editable - not converted to shapes). For Repr PDF files, text will typically be converted to shapes (“outlined”) and therefore no longer selectable.*

With the tool selected, drag over an area of the artwork that contains live text.

If text is found, it will be selected an annotation created, containing:

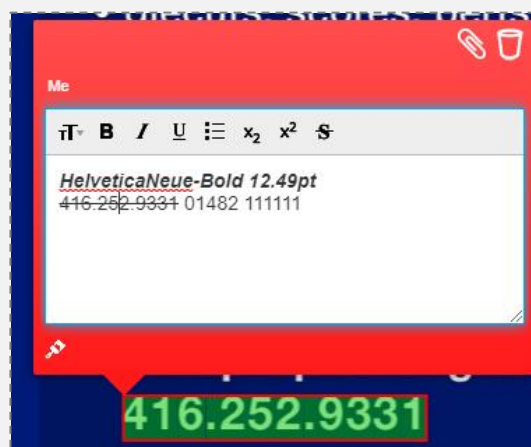
- The font name and size used for the text
- The text that was selected

*Note: if the text style changes, the font and size line will be repeated for clarity.*




The selected words will be highlighted on the artwork canvas for clarity.

Use the tools to make the change that you require, click away from the annotation and it will be saved.



If the annotation is not required to be saved, select the ‘delete’ option instead.

## 6 – Changing Measurement Units

Selecting the measurement units option  from the menu bar will alternate between Metric and Imperial measurements.

Note that this option is remembered within your user preferences for convenience.