



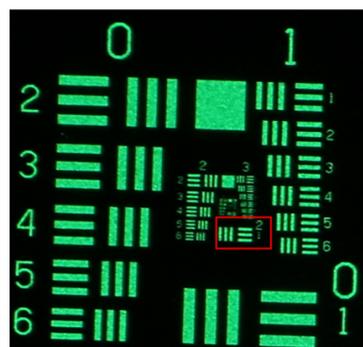
**Recommended material:**

- Usual reference panel to be photographed
- UV-A light sources
- Recent camera or a recent phone with a self-timer
- Resolution test pattern
- Circular dimensional standard, not notched, less than 5 mm thick (e.g.: 2 cent coin with a known diameter)
- Tripod
- Support for holding the panel

**Tips for taking pictures on site:**

- Prepare your assembly in the usual inspection conditions adapted to the need beforehand (panel's support, UV-A lighting...)
- Equip the camera with a tripod or a support that guarantees the stability of the equipment during the photo shooting.
- Framing: The panel should be fully visible in the camera frame and occupy at least 60 to 70% of the camera frame. Choose the right distance to avoid zooming in and use the framing aid offered in the manual settings (display of marker lines / grid).
- Orient the camera in the direction of the panel (Landscape / Portrait) and take only one panel per photo.
- Identify the serial number of the panel.
- Set the camera to obtain the highest possible image quality and resolution (minimum photo size 3 Mo).
- In the manual settings of the camera (professional mode), if possible, select ISO from 500 to 800. Adjust the exposure time accordingly (the lower the ISO, the longer the exposure time).
- Do not use a flash.
- Use a self-timer to prevent camera shake.
- The resolution chart (IQI: Image Quality Indicator) also enables you to evaluate the sharpness of the shot as well as the resolution needed to control the degradation of the indications with precision.

We recommend to see on the picture taken the Group 2 - Element 1 of the resolution test pattern at least (cf. CEN TS 17100).





- Take 2 photos of the reference panel (in this order):
  - Processed panel with nothing else for the reference photo
  - Processed panel with the recommended precision tools (resolution test pattern & dimensional standard) for the dimensioning of the indications (and the control of the degradation)
- The use of a circular dimensional standard ensures that the dimensional measurements of the indications with the circumscribed circle method can be carried out in an optimum way. The diameter of this tool must be known precisely and communicated to the laboratory (complete the Request for Specifications).
- Prefer a positioning of the precision tools (Resolution test pattern and dimensional standard) rather central than on the edges of the panel.
- Be careful not to mask the indications of the panel with the precision tools.

### **Sending your photos:**

- When sending your photos to the BABBCO digital lab, be sure not to digitally compress the image. Prefer individual upload or use tools specialized in the digital transfer of "large" documents. (e.g. : WeTransfer, Swiss Transfer, Smash, GrosFichiers...)

Do not use ZIP format.

- Send BitMap uncompressed file (Jpeg JPG Jpeg2000 Png Bmp Gif...) photos without retouching or modification (e.g. no cropping)

### **Any questions?**

In the case of photos to be made on colored or mixed process blocks, or for any other question, please contact our technical teams:

- LAB : labo-sav-babbco@babbco.fr - 01.30.80.81.93
- technical-support-plaisir@babbco.fr
- BABBCO : 01.30.80.81.82