



Dear customer,

Please use this template to describe the required specifications of the custom chart. Please answer the questions as precise as possible to enable us to determine a suitable production method for your chart and to provide you with a quotation. If different charts are required please complete the form for each chart separately.

1. Contact data:

Name:

Email:

Company:

Address:

Phone:

2. Material, size and quantity

Type of test chart:

☐ transparent chart (back side illuminated)

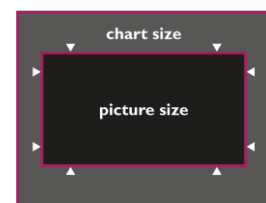
☐ reflective chart (front side illuminated)

Chart Size:

mm x mm

Picture Size:

mm x mm



Material:

Requirements for the material:

☐ none

☐ other:

Mounting:

Chart mounted on a stable plate (reflective charts only):

☐ yes

☐ no

Chart embedded between glass plates (transparent charts only):

☐ yes

☐ no

Chart embedded between metal frames (transparent charts only):

☒ yes

☐ no

Edge fashioning (reflective, mounted charts only, available up to a size of 600 x 600 mm):

Edges covered by fabric tape:

☐ yes

☐ no

Quantity: 1



3. Type of pattern / desired measurement

- ☐ OECF ☐ dynamic range ☐ noise ☐ color reproduction
☐ resolution ☐ texture loss ☐ distortion ☐ chromatic aberration
☐ field of view ☐ shading ☐ flare ☐ suitable for infra-red, specify wavelength: _____
☐ other:

Description of the pattern (or add sketch):

Details of pattern

- ☐ smallest feature/line width:
 or: printer resolution (dpi):
☐ gray scale: specification of steps (please add this information as optical density or reflection)
☐ colors: specification of colors (please add this information as CIE L*a*b*)
☐ tolerances, error rate (if existing):

4. Camera specifications

Pixel count of the camera:

- ☐ HDTV ☐ 4K ☐ other: x (width x height [pixel])

Nominal dynamic range of the camera (dB, f-stops, contrast ratio):

- ☐ 80 dB ☐ 100 dB ☐ 120 dB ☐ other:

Field of view:

- ☐ standard ☐ wide field of view: degrees

Fisheye lens: ☐ yes ☐ no

Required distance DUT<->Chart in mm:

5. Related standards

The chart should comply to the following standard:

Do you have the standard available? ☐ yes ☐ no



6. Analysis of the target

☐ by iQ-Analyzer ☐ visual assessment

Individual reference data required? ☐ yes ☐ no

If "yes" please specify: ☐ CIE L*a*b* ☐ spectral transmission/reflection
☐ optical densities ☐ other:

7. Manufacturing data

Do you provide vector files with the layout of the chart? ☐ yes ☐ no

Do you need layout files for approval before we start production? ☐ yes ☐ no

8. Application (optional)

☐ photography ☐ video ☐ security ☐ mobile imaging ☐ automotive
☐ medical ☐ archiving ☐ machine vision ☐ other:

Additional notes:

Please send this document to support@image-engineering.de