

Color Questionnaire

What are the size of area you want to measure?

Are the surfaces curved?

Do you have optical brighteners (UV enhanced colors)?

What illuminant do you want to work in?

Is the material smooth or textured?

How Homogeneous is the material?

Will the standard (target) have the same gloss as the sample?

Do you want to store your standards? How many?

Do you want to use and index (opacity, baking units, tomato, strength)?

Do you want portable or bench top?

Do you want PC Software?

What is the tolerance on the color difference that you want to measure?

What precision do you want?

Suggested precision:

*operating range should be 3 times the minimum detection limit
(MDL= 3 times 1 sigma standard deviation)

For example: To use a delta E of 1 unit for pass/fail
std deviation on delta E \leq .166