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# Using the Barbieri Spectrophotometer

## Spectro LFP qb, Spectro Swing qb, Spectropad

### with ColorLogic CoPrA/ ColorAnt

Revision 1, March 2025

## Introduction

This document describes how to use the ColorLogic CoPrA software (version 11) for printer profile creation with Barbieri spectrophotometers.

For further information on ColorLogic software, please visit:  
<https://colorlogic.de/en/home/>

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# Using Measure Tool

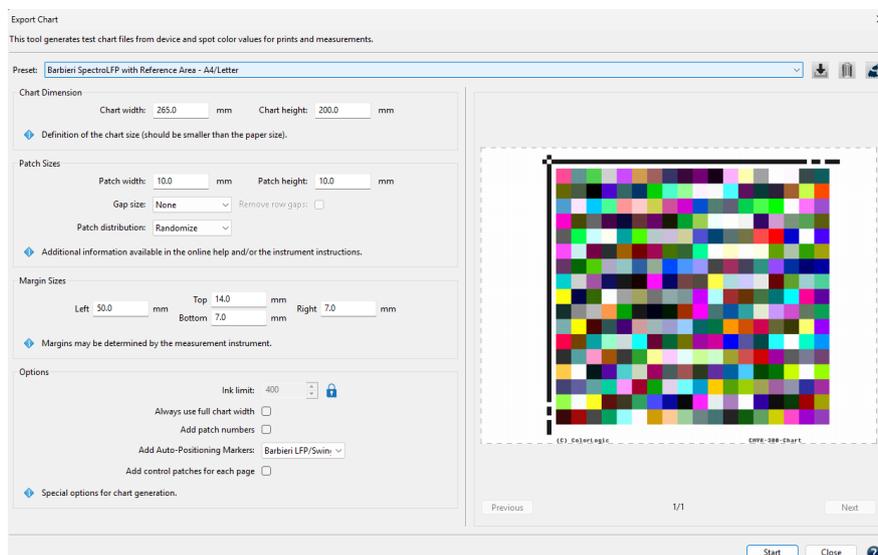
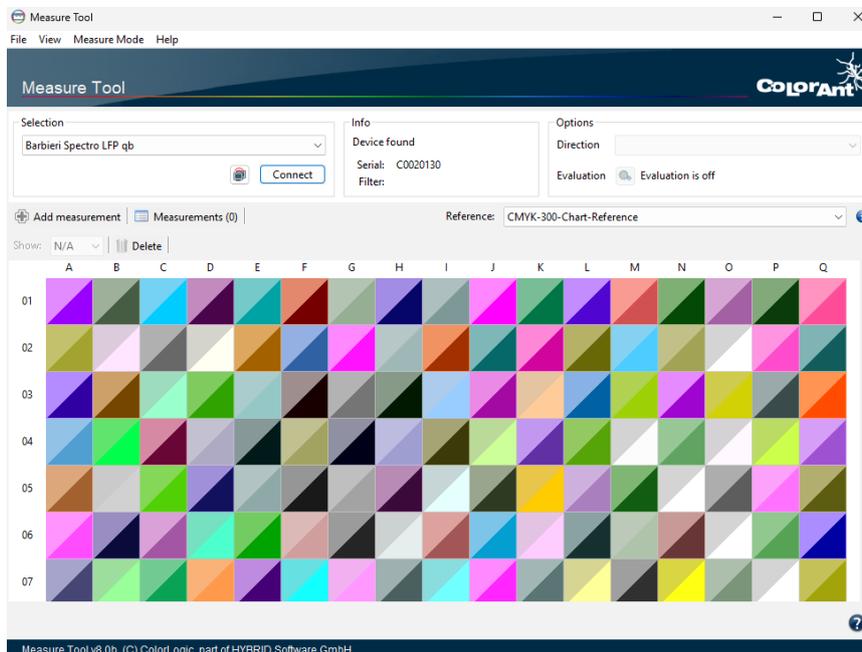
ColorLogic CoPrA and ColorAnt software include the Measure Tool software which is certified by Barbieri and recommended for use with Barbieri spectrophotometers.

The Measure Tool supports the measurement of test charts created with ColorAnt, including multicolor profiling targets and control wedges.

Please refer to the Measure Tool user manual for detailed instructions.

## Recommendation:

Whenever possible, use Measure Tool for both chart generation and measurement to ensure maximum compatibility and optimal data integrity.



## Using Barbieri Gateway Measuring Software

Although Measure Tool is the preferred method, it is also possible to use standard Barbieri charts with the Barbieri Gateway software.

Measurement files with the extension “.CIE.txt”, created using Gateway, can be imported into CoPrA for profile generation.

The Barbieri Gateway software is provided with your instrument or available for download at:

<https://www.barbierielectronic.com>

Note:

Ensure that the measurement settings in Gateway match the chart layout and patch definition expected by CoPrA to avoid import errors.

## Using Barbieri Gateway Chart Generator

This option is only recommended if ColorAnt’s chart generator or the Measure Tool does not meet specific project requirements, and certain features of the Barbieri Gateway are required.

Reference files generated by ColorAnt can be loaded into the Barbieri Gateway Chart Generator to create customized charts.

To see the exact same patch distribution in Barbieri Chart generator, make sure you use the following options:

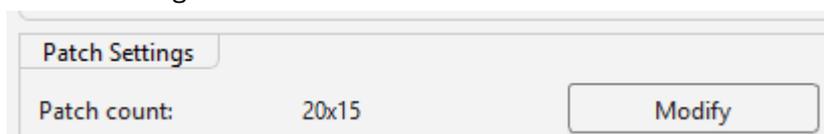
- “Read patches vertically” selected:



- “Random” not selected:



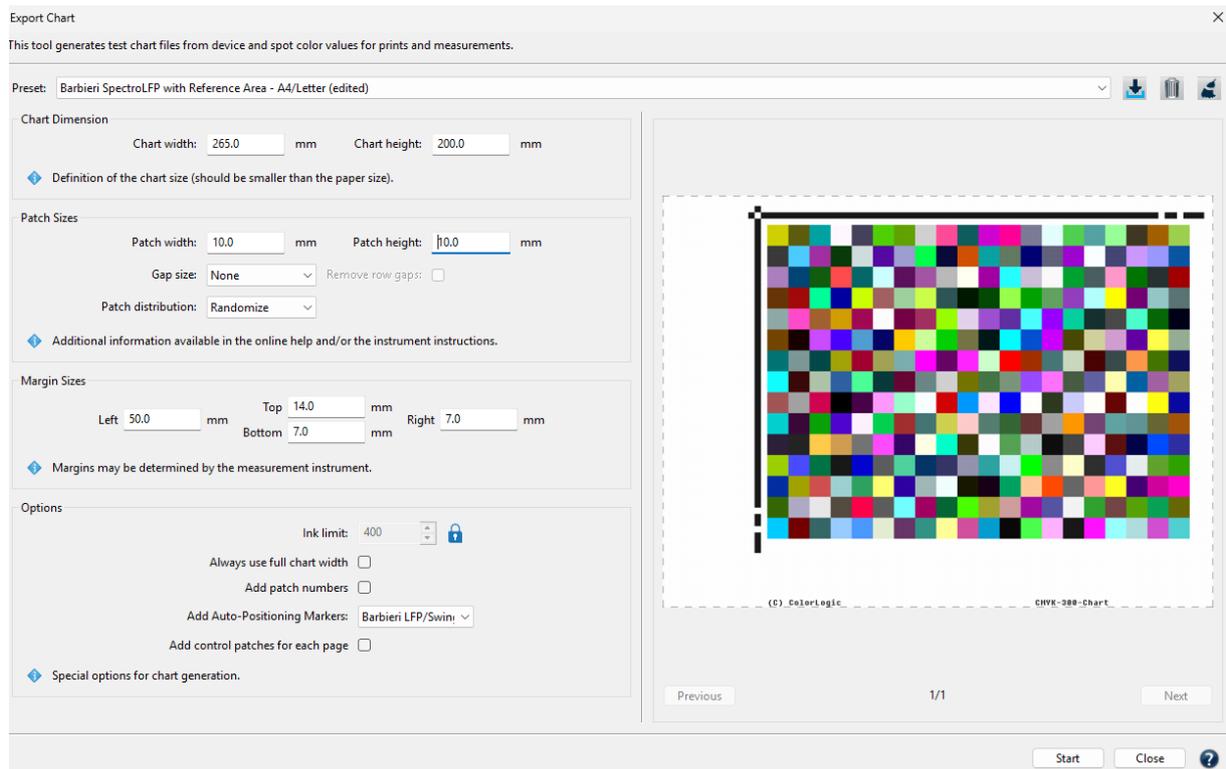
- “Patch settings X and Y same as ColorAnt chart:



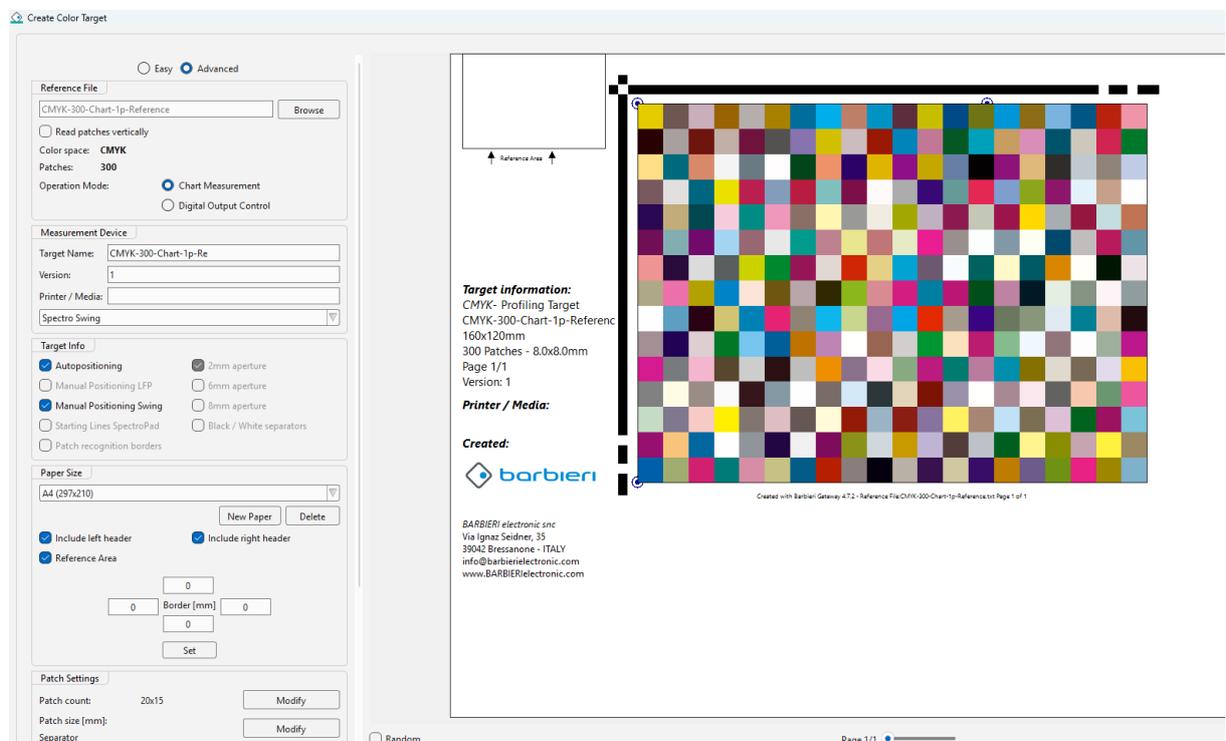
Important Note:

When creating reference files in ColorAnt, avoid enabling the option “Add control patches for each page”, as this feature is not supported by the Barbieri Gateway Chart Generator.

## Example ColorAnt Chart Export:



## Same in Gateway Chart Generator:



## General Tip for All Workflows:

- Always verify patch size and chart layout compatibility between ColorAnt, Gateway, and your output device.
- When using non-default workflows, consider validating your measurement results by visualizing the data within ColorAnt before proceeding to profiling.