

ALWAN COLOR CLOUD

TECHNICAL DATA



ISO 12647 System



G7® System

Browser supported	
Windows and macOS	Google Chrome, Mozilla Firefox, Safari, Opera, Brave, Microsoft Edge
Compatible software	
Alwan ToolBox Barbieri instruments with Barbieri Gateway software Digital Information InkZone Move GMI measurement file (*) Heidelberg Image Control with Heidelberg Quality Monitor Komori PDC (Print Density Control), PDC-SI, PDC-SII and PDC-SX PressSign XML measurement file QuadTech SpectralCam measurement file (*) Techkon's ExPresso (Normal and Pro) X-Rite's EasyTrax Software, IntelliTrax Software, ATS, Measure Tool measurement file, i1 profiler measurement file, Color Port measurement file, ATD (Auto Tracking Densitometer), IntelliTrax D (Density), EasyTrax Density WPC (Web Printing Controls) measurement file Manroland JobPilot CSV export file	
TRCA/DGC format supported	
AGFA ApogeeX / AGFA ApogeeX v2 Alwan ColorHub CGATS FUJI XMF HEIDELBERG Prinect KODAK Harmony KONICA Minolta TED XML Xeikon XITRON Sierra	
Profile export	
Version 2.1 Version 4	

Measurement conditions
Measurement mode: M0, M1, M2, M3 Illuminant: D50 Density status: E, T, A, I Backing: White/Black. Observer: 2°/10° White base: Absolute/Relative Inks: Wet/Dry XRGB conversion
Color bars and charts supported
P2P25X chart IT8 charts Any customized color bar that contains the minimum required patches
Spot and device color build assessment
Default assessment (Criteria: ΔE Max, ΔE Average, Δh , CRF) ISO 12647-6:2012 Custom assessment
Process control assessment
G7® ColorSpace (Production Verification) G7® ColorSpace (System Qualification) G7® Grayscale (Flexo Print - Production Verification) G7® Grayscale (Flexo Print - System Qualification) G7® Grayscale (Production Verification) G7® Grayscale (Screen Print - Production Verification) G7® Grayscale (Screen Print - System Qualification) G7® Grayscale (System Qualification) G7® Targeted (Production Verification) G7® Targeted (System Qualification) ISO 12647-2:2004/Amd1:2007 ISO 12647-2:2004/Amd1:2007 + G7® Grayscale (Production Verification) ISO 12647-2:2013 ISO 12647-3:2005 ISO 12647-3:2005 + G7® Grayscale (Production Verification) ISO 12647-3:2013 ISO 12647-6:2012 ISO/DIS 15339-1.2:2013 Custom assessment
Print assessment
G7® ColorSpace (Production Verification) G7® ColorSpace (System Qualification) G7® Targeted (Production Verification) G7® Targeted (System Qualification) ISO 12647-7:2007 ISO 12647-7:2016 ISO 12647-8:2012 ISO/DIS 15339-1.2:2013/CGATS TR016 2012 (Production Verification) ISO/DIS 15339-1.2:2013/CGATS TR016 2012 (System Qualification)
Report types
Process, spot and device color build
Calibration methods
G7® (CGATS TR015) TVI (ISO and custom conformance) SPOT (Linear ΔE , TVI)