

PRINT Standardizer



ALWAN PRINTSTANDARDIZER 6.5.0

TECHNICAL DATA



ISO 12647 System



G7® System

Minimum hardware requirements	
Processor:	Dual-Core processor
Memory:	8 GB of RAM 200 GB hard disk
Video:	1600 x 900 screen resolution
Recommended hardware requirements	
Processor:	Quad-core Intel Core i5/i7 processor
Memory:	16 GB of RAM 400 GB available Solid State Drive (SSD)
Video:	1920 x 1080 screen resolution
Minimum software requirements	
Windows OS:	Microsoft® Windows® 64-bit operating system required Microsoft® Windows® 10 Professional, Server 2012 R2, Server 2016 Standard or administrator user account
Compatible software	
Alwan PrintVerifier measurement file (APV v2.0 and later) Alwan ToolBox (see list of supported instruments) 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 / CMYK Optimizer / Alwan LinkProfiler (Tab Delimited) CGATS Cloudflow Delta DVLP (Color Table + TRCA) DVLP (TRCA only) EFI Fiery XF Ergosoft Esko Curve Pilot ESKO Symphony Calibrator Founder RIP FUJI XMF Harlequin v7-8-9-10 Manual Harlequin v9-10 Automated HEIDELBERG Prinect HP Indigo KODAK Harmony KONICA MINOLTA Color Centro NEXUS Onyx RAMPage SCREEN Trueflow TED XML Xeikon Xerox XITRON Sierra X-Rite MIF	

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, sheet and print run reports
Calibration methods
G7® (CGATS TR015) TVI (ISO and custom conformance) SPOT (Linear ΔE , TVI)
Software protection
USB Dongle

(*): Dongle option needed.



EDITIONS / OPTIONS



Ready Edition

3 Print Devices

Handled instruments only
APV/X measurement files

CMYK + Spot
ISO 12647 (PSO)
G7® Calibration

+ Includes Web Interface

+ Includes InkZone

+ Includes 1 Alwan ToolBox - Measure & Export license for front end usage on the same site

Go Edition - Automated Curve Generation

3 Print Devices

Handled + automated instruments
APV/X measurement files

CMYK + Spot
ISO 12647 (PSO)
G7® Calibration

+ Includes Web Interface

+ Includes InkZone

+ Includes 1 Alwan ToolBox - Measure & Export license for front end usage on the same site

Additional Options

APS/X additional print devices

HiFi Option: Spot only, non CMYK process inks, up to 15 process inks

Hydra Profiling® Option: spectral prediction technology to measure, filter and average data for print device profiling from fewer patches