Installation Test Procedure Checklist

English

Magnus 800

Company Name:

Site Address:

graphics.kodak.com

Kodak

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Overview

Upon installation of the *Magnus* 800 output device, the Kodak service engineer performs an installation test procedure (ITP), which is a series of tests devised to demonstrate that the installation has been successfully completed and that the output device is fully operational.

The Kodak service engineer must complete this installation test checklist after performing all the test procedures described in the Magnus 800 Installation Test Procedure.

The ITP usually consumes up to five plates and takes between 2 and 3 hours to complete. During this time, a customer representative must be present to verify the results.

When the tests have been successfully completed, the Magnus 800 is ready for ongoing production work with the full support of the Kodak customer service department.

Customer Responsibilities

The customer is responsible for the following:

- The site must be prepared as described in the Kodak Site Preparation Guide for the device.
- A supply of 25 good quality plates must be available for use in the installation/integration of the output device and the ITP (the ITP uses approximately five of these plates).
- The processor must be installed and operating.

Kodak Responsibilities

Kodak is responsible for the following:

- The device/system must be fully installed and integrated.

- After installing the *Magnus 800*, the Kodak service engineer trains the operator in the operation and maintenance of the device, using the Magnus 800 Visual Reference Guide and the Onsite Training Checklist to Train Customers document.

Any additional system, workflow, color calibration, or *Staccato* calibration on press are not part of the ITP, and are not covered in this checklist.

System Details

Device serial number	
Head type	☐ Performance ☐ Premium
Resolution	☐ 2400 dpi ☐ 2540 dpi
Speed	☐ S ☐ F ☐ V ☐ X
System options	☐ Semi automatic ☐ SCU ☐ MCU
Plate type(s)	
Minimum plate size ☐ **mm** ☐ **in.**	
Maximum plate size ☐ **mm** ☐ **in.**	
Workflow	☐ *Brisque* ☐ *Prinergy* ☐ *Prinergy* Evo ☐ Third-party TIFF Version:
Screening (maximum LPI)	
***Staccato* (microns)**	
Alignment punch system	☐ Yes ☐ No

Plate Throughput

The plate throughput test is designed to verify and demonstrate that the output device meets the specified targets for plate throughput in plates per hour (PPH). The Kodak service engineer exposes several plates, calculates the throughput, and records the results in Table 1.

Table 1: Throughput Test Targets and Results

Plate size	**PPH (target)**	**PPH (measured)**

Plate Image Quality

To test plate image quality, the Kodak service engineer sends the Creo Plate Test Target file to the output device, and then inspects a series of test elements on the exposed plate. The test image is shown in Figure 1, and the service engineer records the results of each test element in Table 2

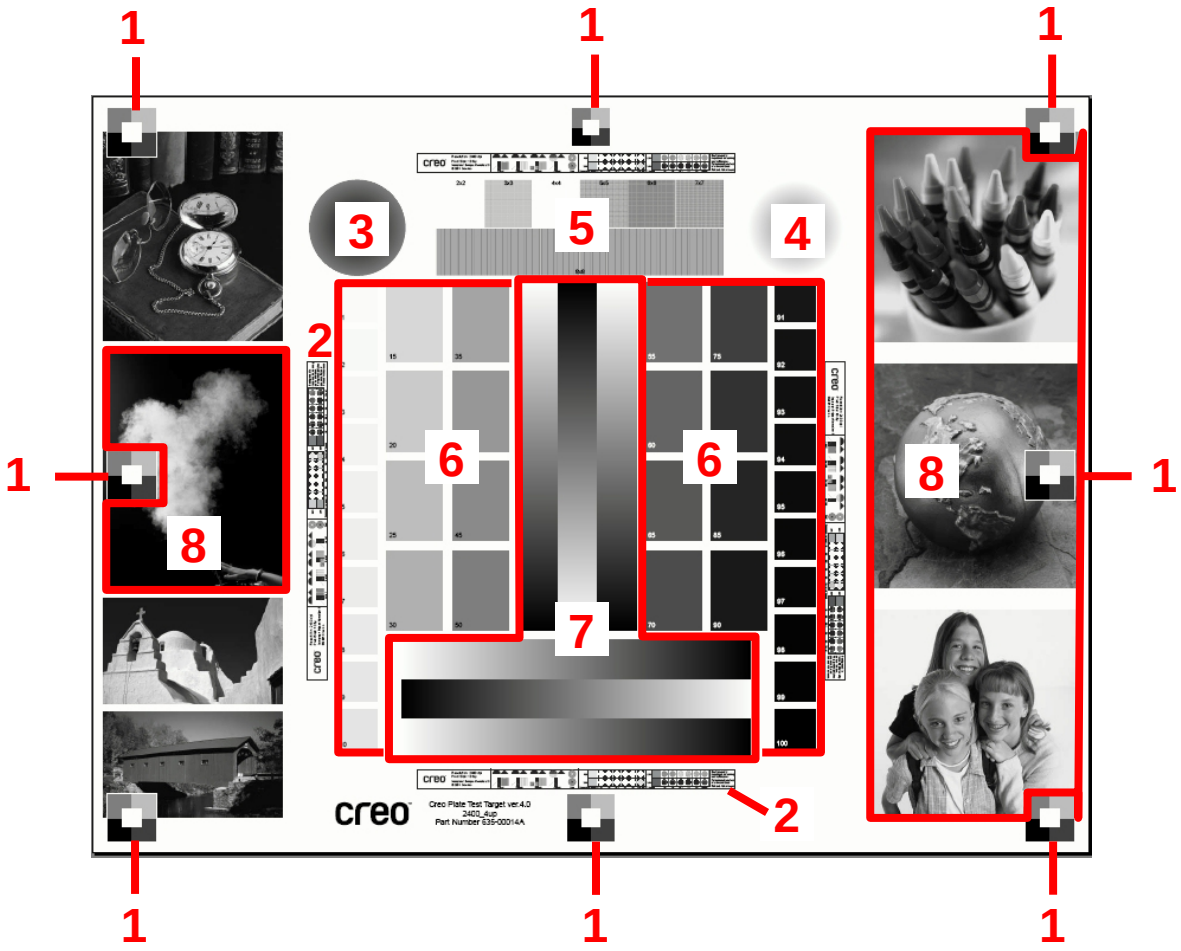


Figure 1: Creo Plate Test Target—Image Quality Test Elements for Plates

Table 2 Plate Image Quality Test Results

Plate Test Target Element	Description	Completed
1. Uniformity patches	Used for testing the uniformity of the processing line across the plate	☐
2. CTTP test strip	Used for testing the tone scales	☐
3. Radial vignette 50% to 100%	Used to ensure no shade-stepping is present (a smooth transition from 50% to 100%)	☐
4. Radial vignette 0% to 50%	Used to ensure no shade-stepping is present (a smooth transition from 0% to 50%)	☐

Plate Test Target Element	Description	Completed
5. Checkerboard patterns	Used to verify the image quality of the checkerboard patterns	☐
6. Tone scales	Visual test to confirm the Staccato screening quality is acceptable with tone scales	☐
7. Vertical and horizontal vignettes	Used to ensure no shade-stepping is present (a smooth transition from 0% to 100%)	☐
8. Grayscale images	Used to give the customer an idea of what they can expect when they run their jobs using Staccato screening	☐

Confirmation

The installation test was performed on ***/ /*** (day/month/year) by a representative of Kodak and witnessed by at least one representative of the customer.

Kodak representative: _____

Signature: _____

Customer representative: _____

Signature: _____

Upon completion of this checklist, the Kodak service engineer will send a copy of the entire document to the regional service manager.

Customer Comments for Follow-up