



Standardised Testing Methodology Criteria – STMC

This is the first time that there has been a measurement for Toner cartridges, the measurements include page yield, average density, solid density, back-grounding and waste toner.

Basically the original cartridge runs its full cycle and from there all of the above are calculated and measured. This test is done under strict conditions and with precisely calibrated instruments. The test is done at a 5% page coverage with an interval page printed every 1,000 pages. Both the paper and printer has to be left in the testing environment for 24 hours before the test can commence.

We then test our cartridge under those exact conditions using the same criteria so that we can compare with the OEM. Our cartridge will not be released until it meets or exceeds OEM specifications.

The following must always be the same:

- Paper type
- Use the same printer
- Same temperature
- Same Humidity

Testing is done for the following:

- Cartridge yield
- Average density
- Solid density
- Back-grounding
- Toner fill weights
- Waste toner
- Drop box testing

Refer to the Rochester Institute of Technology report RIT