

## Electronic Testing at Realistic Prices

In need of something to improve your throughput?  
Looking for a technique to improve your success rate?  
Want to ensure your production effort is worthwhile?



At Promax Imaging Ltd., we get many visitors looking for an inexpensive and simple way to fill cartridges. And we always tell them: there is no point filling a cartridge with electronic faults. The first step to successful cartridge filling is to identify the cartridges that will work before you try to clean and fill them.

The majority of cartridges refilled by shops and large scale remanufacturers alike are those with a metallic foil on the cartridge. This foil is part of the electronic workings of the cartridge. By making a connection with the printer, this foil helps control ink flow/droplet size, colour, and all the other factors that get the ink out of the cartridge and onto the paper in the printer.

If there is a failure in the electronic connectivity of the cartridge, these technical aspects of printing will not work correctly, and however carefully you refill the cartridge; however much time you spend trying to get it to work – it simply will not work correctly if at all.

Cartridge testers have been developed to enable you to tell quickly and simply whether the electronic workings of the cartridge are fully functional. Typically, one tester functions for one "family" of cartridges (a series of cartridges of the same size and shape).

A number of testers are available on the market: some perform electronic tests only; others enable you to print test the cartridge as well. Prices of electronic and print testers are usually significantly higher than those that only perform an electronic test.

### **NewInk Technologia Brazil**

NewInk Technologia in Brazil have produced a range of battery powered testers for electronic functionality only. These testers do not currently perform a print function. However, as they are battery powered, they are low cost, easy to use, and now have the advantage of European technical support for any problems that occur.

Effective April 2007, Promax Imaging Ltd has become a distributor for NewInk Tecnologia in Greater Europe. Promax Imaging is supporting NewInk Tecnologia in developing new testers by feeding back market demand to Brazil. Promax Imaging is also able to provide technical backup, support, and full English language documentation for NewInk Tecnologia testers: we are carrying out tests and research for NewInk Tecnologia and are in daily contact with them in Brazil.



As a customer, this means you have European based support and knowledge to call upon when using the testers. We have incorporated these testers into our own daily production schedules and find them highly reliable and useful.

#### **How to Use the Testers**



The 800 Dual Tester  
for  
HP 78 and 45 style Cartridges

Each tester is a lightweight box with a cradle simulating the printer connections. You slot the cartridge into the cradle and check the LED lights displayed. From this display you can determine whether the electronic integrity of the cartridge has degraded in any way. It takes only seconds to verify electronic integrity in this way - and this simple test can save you hours of effort cleaning and filling a cartridge that will never print well because of electronic failure.

The testers can be used to qualify:

- Cartridges returned by customers - show them why their cartridge will not refill successfully
- Cartridges coming in from brokers - ensure you are getting a high proportion of good cartridges when you buy in
- Batches of cartridges before cleaning and filling - make sure your effort is worth while
- Cartridges during processing - check your processes are not damaging cartridges

### Range Available

Testers are available for the following cartridge families:

Code	Family		
IJT-13HC	Lexmark 13400 Series		
IJT-3320E	Eraser HP27/28/56/57 <sup>1</sup>		
IJT-600P	HP 49/25 Series		
IJT-800D	HO 78/45 Series		
IJT-BC1000	Canon BC-02/05		
IJT-BC2000	Canon BC-20		
IJT-INKHP90	HP 3xx Series		
IJT-LX12A	Lexmark 12A Series		
IJT-LXZ33	Lexmark 10N Series		
Coming Soon	Lexmark 82/83 Series		
	Lexmark 18C Series		
	Printer Function for Testers		



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<sup>1</sup> The Eraser Function resets the page count on this family of cartridges

to be reused.

## **Availability**

Promax Imaging keeps a stock of these testers available in the UK for immediate dispatch. However demand can exceed supply, and a delay whilst additional testers are imported may, from time to time, be encountered. Please call for current availability of these testers.

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