


**Printware**

## iJetColor 1175 Pro Average Printhead Life

Summary: A general overview of printhead life

Applicable Products: iJetColor 1175 Pro, iJetColor 1175

Tools/Parts Required: None

### Overview

The HP printhead is a major part of the iJetColor family of products. This printhead has a surface area of 11.7 inches that can print at speeds up to 18 inches per second. With its unparalleled nozzle quantity and density—the print head produces 1200 x 1200 dpi four color output and is capable of high-quality graphics.

### What is the Expected Life of the Printhead?

Unfortunately, “it depends!” Our analysis of our customers’ real world field usage shows a range of copies per printhead from 600,000+ to 1.2M+ within one year of operation. We constantly examine and track the results of every customer’s printhead and work with the manufacturer to improve product life.

|   | iJetColor 1175 Pro, iJetColor 1175                               |
|---|--|
| Typical Use Estimate<br>(#10 Envelopes) | Landscape 5-10% coverage<br>Average of 1M* copies                |
| Mfg. Estimate<br>(8.5x11 Sheets)        | 4 Liters of ink per color or 0.3 Liters of ink per die per color |

\*Please be advised that there are several factors that can influence printhead life. Some factors are maintenance of the printbar, physical contact with the printbar, wiping material cleanliness, etc... As such, the above is typical of real-world usage. You may far exceed this print count, or you may not.

To maximize the printhead life, it is recommended to periodically shift the location of the envelope feed and location of the printing. This will spread the use over the width of the print bar and therefore use each nozzle fewer times to increase nozzle lifespan.

### Is there a Guarantee for Printhead life?

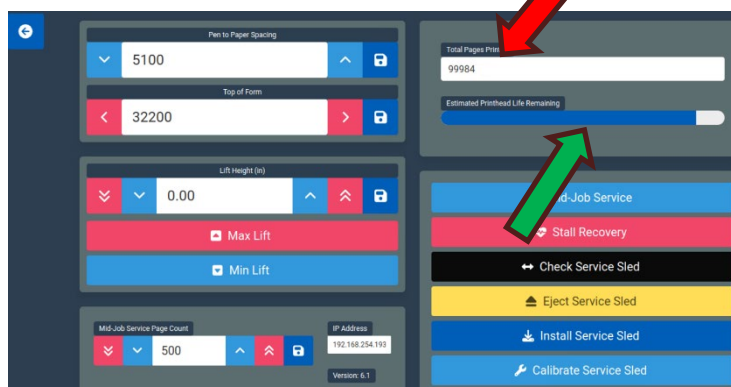
No. However, in some extreme cases, we will examine the printhead, the mechanical assembly or the age of the printhead. We may find that it falls well outside the expected normal operating life. In these cases, we will provide appropriate credits as part of our iJetAdvantage service program. Our technical team can help with this process.

### How to Determine Print Count?

There is an easy way to get an estimate of the remaining lifespan of the printhead. In the iJetColor Pro 1175 Pro Machine Control Interface (MCI), click the “settings” button. The “**Total Pages Printed**” field shows the total number of pages printed on the printhead (red arrow).

On the **iJetColor1175Pro** the **MCI** will show the printhead page count.

Your iJetColorPro MCI also provides real time estimates for the remaining life of the Printhead (green arrow). The system will keep track of total pages through the system and display an estimate of printhead life remaining.



On the **iJetColor1175** the **desktop app Cost Calculator** will show the printhead page count and estimated printhead life along with job costs.

| Job            | Image | C (mL/page) | M (mL/page) | Y (mL/page) | K (mL/page) | Cost/Page | Cost/1,000 |
|----------------|-------|-------------|-------------|-------------|-------------|-----------|------------|
| Print Job 1175 |       | 0.00069     | 0.00156     | 0.00096     | 0.00148     | \$ 0.0030 | \$ 3.00    |
| Print Job 1175 |       | 0.00069     | 0.00157     | 0.00097     | 0.00147     | \$ 0.0030 | \$ 3.00    |
| Print Job 1175 |       | 0.00073     | 0.00164     | 0.00093     | 0.00150     | \$ 0.0030 | \$ 3.00    |
| Print Job 1175 |       | 0.00073     | 0.00164     | 0.00092     | 0.00150     | \$ 0.0030 | \$ 3.00    |
| Print Job 1175 |       | 0.00073     | 0.00164     | 0.00092     | 0.00150     | \$ 0.0030 | \$ 3.00    |
| Print Job 1175 |       | 0.00097     | 0.00182     | 0.00110     | 0.00176     | \$ 0.0030 | \$ 3.00    |
| Print Job 1175 |       | 0.01524     | 0.02305     | 0.01712     | 0.02431     | \$ 0.0030 | \$ 3.00    |
| Print Job 1175 |       | 0.01524     | 0.02305     | 0.01712     | 0.02431     | \$ 0.0030 | \$ 3.00    |

### How does the iJetColor system Calculate Cost of Ink/Printhead in the Cost Calculator?

The job costs displayed on the tables of the MCI or desktop app include ink cost, estimated printhead replacement cost, and estimated service sled replacement cost. These estimates provide actual **ink** used, your **ink pricing** and estimates for both the **printhead service sled** and **total print head life** based on our average customer experience of 1M+ copies for average coverage. We believe these are conservative estimates that will help you estimate job costs in advance of printing and provide profitable pricing for your work. The most accurate pricing models our customers use are historical consumable purchases tracked by actual print copies per job on an ongoing basis. We recommend keeping a journal of print jobs, copies, and monthly consumable spending.