



2. CLEANING MODE AND AMOUNT OF INK PURGED

To prevent printing problems due to bubbles, dust, or ink clogging, print head cleaning is performed before the start of printing (when the cleaning flag is on), except in the following cases:

- Cleaning on arrival: Performed when the access cover is closed.
- Manual cleaning / deep cleaning: Performed manually.

<Cleaning mode list>

HB-A: PM, PBK, MBK, PC, GY

HB-B: M, Y, C, G, R

Condition	Details	Approx. amount of ink used (g) (in the normal temperature/humidity environment)	Est. required time (sec.) (from cap closing to standby)
On arrival of the printer (All at the same time)	First cleaning after shipped from the plant.	10.0	155
Dot count cleaning (HB-A/HB-B/All at the same time)	When the specified number of dots are printed since the previous cleaning.	1.4 (HB-A) 1.8 (HB-B)	100 (All at the same time) 90 (HB-A) 90 (HB-B)
Timer cleaning - 1 (HB-A/HB-B/All at the same time)	If 60 to 120 hours have elapsed since the previous cleaning till the start of the next printing.	1.4 (HB-A) 1.8 (HB-B)	100 (All at the same time) 90 (HB-A) 90 (HB-B)
Timer cleaning - 2 (HB-A/HB-B/All at the same time)	If 120 to 240 hours have elapsed since the previous cleaning till the start of the next printing.	1.4 (HB-A) 1.8 (HB-B)	100 (All at the same time) 90 (HB-A) 90 (HB-B)
Timer cleaning - 3 (HB-A/HB-B/All at the same time)	If 240 to 480 hours have elapsed since the previous cleaning till the start of the next printing.	2.5 (HB-A) 2.8 (HB-B)	100 (All at the same time) 90 (HB-A) 90 (HB-B)
Timer cleaning - 4 (HB-A/HB-B/All at the same time)	If 480 or longer hours have elapsed since the previous cleaning till the start of the next printing.	4.2 (HB-A) 4.7 (HB-B)	140 (All at the same time) 125 (HB-A) 125 (HB-B)
At print head replacement (All at the same time)	When the print head is removed and a different one is installed.	10.0	155
At print head re-installation (All at the same time)	When the print head is removed and the same one is re-installed.	8.8	155
At ink tank replacement ^{*1} (HB-A/HB-B/All at the same time)	When an ink tank is replaced (without the print head removal or re-installation)	<u>Replaced ink tank(s):</u> PC or GY: 1.9 (HB-A) PBK or MBK: 2.2 (HB-A) PM: 2.5 (HB-A) M or Y: 2.1 (HB-B) C or G: 2.4 (HB-B) R: 2.8 (HB-B)	100 (All at the same time) 90 (HB-A) 90 (HB-B)
Manual cleaning (HB-A/HB-B/All at the same time)	- Via the operation panel (All at the same time only) - Via the printer driver (Selectable from HB-A, HB-B, or All at the same time)	2.5 (HB-A) 2.8 (HB-B)	100 (All at the same time) 90 (HB-A) 90 (HB-B)
Deep cleaning	Via the printer driver (Selectable from	4.2 (HB-A)	155 (All at the same time)

(HB-A/HB-B/All at the same time)	HB-A, HB-B, or All at the same time)	4.7 (HB-B)	140 (HB-A) 140 (HB-B)
If the print head has not been capped before power-on (All at the same time)		8.8	155 (All at the same time)

*1: Cleaning is performed when an ink tank is removed from the print head, regardless of whether it is actually replaced with a new one or not.

[To the table of contents](#)

[To the top](#)

 <Part 2: 2. CLEANING MODE AND AMOUNT OF INK PURGED> 