

取扱説明書

この取扱説明書は、安全にご使用いただくために重要な警告および注意事項、取扱い方法について記載しています。本使用前に、必ずお読みください。十分理解してからご使用ください。本書はすぐに確認できる場所に大切に保管してください。
The English version is Printed on the back page.

■エアブラシ



HP-CN・BCN

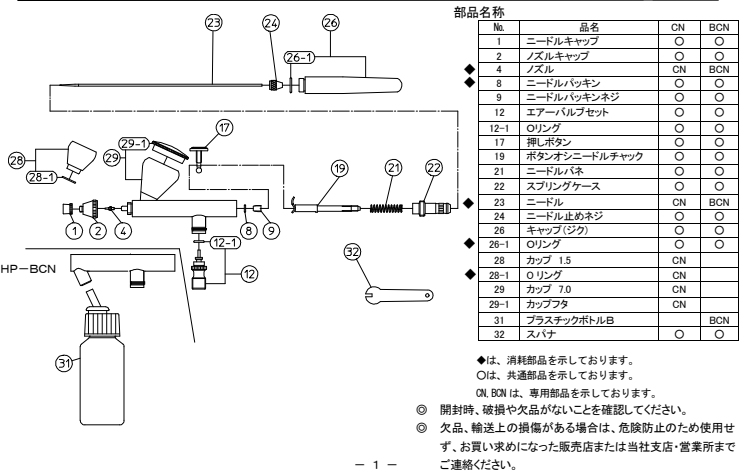
この取扱説明書に示された警告事項および注意事項は必ず守ってください。使用時に不意に色材が噴出したり、有機溶剤の吸引により重大な身体上の障害を起こすことがあります。△印付きの下記マークは、安全上、特に重要な項目ですので、必ず守ってください。

Table with safety warnings: 警告 (Warning), 注意 (Caution), 重要 (Important) regarding safety and usage instructions.

■主要仕様

Table with specifications: 形式 (Model), 色材供給方式 (Material supply method), 噴霧方式 (Spray method), ノズル口径φ [mm] (Nozzle diameter), 容量 [ml] (Capacity), 最高吹付圧力 [MPa] (Maximum spray pressure), 備考 (Remarks).

■部品構成



■安全にご使用頂くための警告事項

Safety instructions section including: 警告 (Warning) for fire/explosion, 機器誤用 (Machine misuse), 人体保護 (Body protection), and 其他 (Other) safety notes.

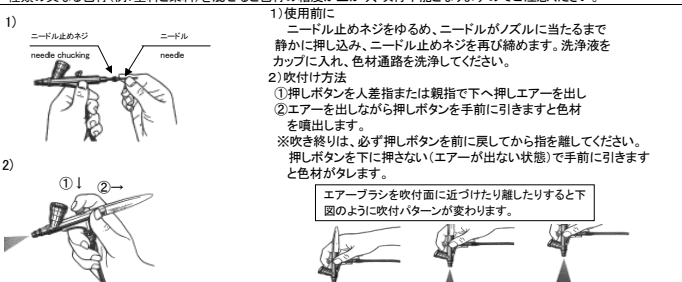
■使用方法

Usage instructions section including: 接続方法 (Connection method) and 注意 (Caution) regarding air filter use and pressure settings.



●吹付方法

重要: ノズルが詰まる場合があります。色材を細かい紙で充分ろ過してから使用してください。ラッカーおよびセラックスフニスは、リターダ（かぶり止め）を加えないと、吹き付け面が白化（かぶり）を生じることがあります。



■保守・点検

保守: 安全にご使用いただくための警告事項の機器誤用3項に従い、エアの圧力を完全に逃がしてから作業してください。
警告: 十分に理解され、熟達された方が行ってください。

Table with maintenance instructions: 保守方法 (Maintenance method) and 重要 (Important) notes regarding cleaning and nozzle care.

Table for inspection: 点検 (Inspection) with columns for 点検箇所 (Inspection points) and 部品交換基準 (Part replacement criteria).

●故障と対策

Table for troubleshooting: 故障と対策 (Fault and Countermeasures) with columns for 状況 (Status), 発生箇所 (Occurrence location), チェック箇所 (Check location), 原因 (Cause), 対策 (Countermeasure).

●不具合パターンと対策

Table for issue patterns: 不具合パターンと対策 (Issue patterns and countermeasures) with columns for パターン (Pattern), 原因 (Cause), 対策 (Countermeasure).

■保証と修理サービス

保証期間: お買い上げの日から5年です。
お問い合わせ窓口: 修理・保守に関するお問い合わせは、当社支店・営業所へご連絡ください。
お客様相談室: 0800-100-1926

PROFESSIONAL AIRBRUSH



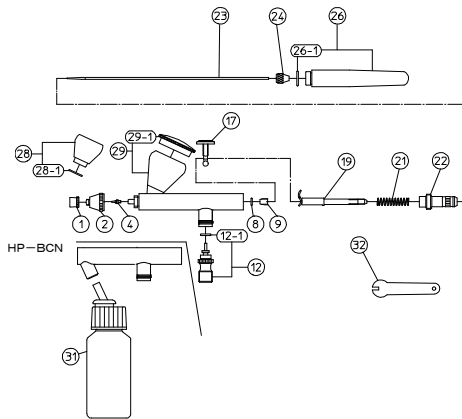
HP-CN·BCN

Be sure to observe warnings, cautions and instructions in this instruction manual. Inadvertent jetting of paint or inhalation of organic solvents can cause serious bodily injury. Be sure to observe important items especially those shown by the marks below.	
WARNING	Indicates a potentially hazardous situation which, if not avoided, may result in serious injury or loss of life.
CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or property damage.
Important	Indicates notes which we ask you to observe. They are helpful to achieve full performance and functions of the equipment.

Specifications

MODEL	TYPE OF FEED	PATTERN	FLUID NOZZLE φ [mm]	CUP [ml]	MAX AIR PRESSURE [MPa]	NOTE
HP-CN	GRAVITY	ROUND	0.35	1.5,7.0	0.29	PLASTIC BOTTLE
HP-BCN	SIPHON		0.5	28		

PARTS LIST



No.	Name	CN	BCN
1	Needle cap	○	○
2	Nozzle cap	○	○
4	Nozzle	○	BCN
8	Needle Packing	○	○
9	Needle Packing Screw	○	○
12	Air valve set	○	○
12-1	O ring	○	○
17	Main Lever	○	○
19	Needle Chucking Guide with Auxiliary Lever	○	○
21	Needle Spring	○	○
22	Spring Guide	○	○
23	Needle	○	BCN
24	Needle Chucking Nut	○	○
28	Cap	○	○
26-1	O ring	○	○
28	Cup 1.5	CN	○
28-1	O ring	CN	○
29	Cup 1.5	CN	○
29-1	Cup Set 7	CN	○
31	Bottle	○	BCN
32	Spanner	○	○

◆ marked parts are replacement parts
○ marked parts are common parts
CN, BCN marked parts are model specific parts

When ordering parts, specify gun's model, part name with ref. No. and marked No. of air cap set, fluid nozzle and fluid needle.

Warnings for safe operation

WARNING	<p>Fire or explosion hazard</p> <ol style="list-style-type: none"> Painting job site must be free of open flames. <ul style="list-style-type: none"> *Paint is flammable and combustible (organic solvent base paints such as lacquer or ceramic varnish). *Never expose to flammable materials such as cigarettes or electrical equipment. Never use the following halogenated hydrocarbon solvents which can cause cracks or dissolution on airbrush body. <ul style="list-style-type: none"> *Improper solvents: methyl chloride, ethyl chloride, ethylene dichloride, methyl dichloride, carbon tetrachloride, trichloroethylene, 1,1,1 trichloroethylene, etc. (Be sure that all fluids and solvents are compatible with airbrush parts. We are ready to supply details of materials used in the airbrush on request.) 	
Misuse hazard	<ol style="list-style-type: none"> Never point airbrush in the direction of people body or animals except when using exclusive fluids such as body painting or nail art. If done, it can cause inflammation of the eyes or skin, or cause other physical injury. Never exceed max. operating pressure of airbrush. If done, airbrush can explode and cause injury or physical injury or death. Always release air pressure before cleaning, disassembling or servicing. If not, remaining pressure can cause injury by the splashing of cleaning liquid or other misuse. In order to release pressure, stop supply of compressed air to airbrush and slightly push main lever. 	
Hazard to human body	<ol style="list-style-type: none"> Use airbrush in areas which are well ventilated by an exhaust fan. If not, injury will occur through the inhalation of fluid, and danger of ignition will increase. Always wear protective clothing or gear (eyewear, gloves, respirator, etc.). If not, cleaning liquid, etc., will come into contact with your eyes or skin and cause inflammation. If you feel something is wrong with your eyes or skin, see a doctor immediately. 	
Other hazards	<ol style="list-style-type: none"> Never alter airbrush. If done, it can cause failure and poor performance. Never use for food industry or chemicals. If done, it can cause an accident due to corrosion of paint passage or health problem due to inclusion of foreign matter. 	

How to operate

Connection

CAUTION

- * Use clean compressed air which is filtered through an air filter. Dirty air can cause painting failure.
 - * When you use for the first time after unpacking, clean inside with cleaning liquid in order to remove remaining anti-corrosive oil inside fluid passage. Remaining oil can cause painting failure such as fish eye (dented finishing).
 - * Firmly fasten air hose and fluid cup to airbrush. If not done, disconnected hose or falling cup can cause physical injury.
- (1) Use slender and exclusive air hose for airbrush such as Ø 2 x 4mm tube, etc.
 - (2) Use air pressure at around 0.10~0.20 MPa. Use air regulator to get stable air pressure. Use air filter to remove moisture, oil and dust in air.

Spraying

- * Filter color material with fine filter paper (cloth), or pigments may clog nozzle.
 - * When spraying lacquer or varnish, add retarder to prevent whitening.
 - * Never damage nozzle cap or nozzle. If done, it will adversely affect atomization.
 - * Do not mix different color material (example: paint and dyestuff). If done, the viscosity will increase and cause malfunction.
- (1) Before spraying, loosen needle chucking nut and gradually push needle inwards till needle touches nozzle, and then retighten needle chucking nut. Pour cleaning liquid into cup and clean fluid passage.
 - (2) First push main lever with forefinger or thumb downwards in order to release air, and pull it toward you. Then, color material will come out. Be sure to push main lever forward (original position) and detach finger to stop spraying. If you do not push main lever (without air release), and just pull it forward, a large amount of color material may jet out.

Spray with cap washer loosened, and fix cap washer at best spray condition by moving nozzle cap.

Maintenance after Painting

Maintenance

WARNING
* Always completely release pressure before maintenance in accordance with warning of safe operation on page 2. If not done, remaining pressure can cause injury by the splashing of cleaning liquid or other misuse.
* The operator must be fully conversant with the requirements in this manual and have sufficient knowledge and experience.
* Pay full attention to the sharp tip of needle in order to avoid injury.

Maintenance procedure	Important
1. After operation, be sure to empty fluid cup and spray water or cleaning liquid for cleaning. *Then close tip of nozzle cap with finger and pour water or solvent into cup. Then if you push main lever, air flows backward into nozzle which works like gargling.	1. Incomplete cleaning can cause adverse pattern shape and particles. *Be careful with handling of the tip of needle and nozzle since they are very weak.
2. Pull out needle and remove foreign matter. Clean needle and insert it till it touches nozzle. Clean other parts with attached brush soaked with cleaning liquid and waste cloth.	2. Never immerse the whole airbrush into liquid such as thinner. *Immersion for a long time can damage O ring or packing. *Never damage holes of nozzle cap, nozzle, or needle. If done, it can influence atomization adversely.
3. Fully clean fluid passage before disassembly.	3. Remove fluid nozzle while pulling needle with main lever pulled (toward you), in order to protect seat section.

Inspection

Where to inspect	When to replace parts
1. Each hole passage of cap and nozzle	*Replace if damaged or deformed.
2. Packing or o rings	*Replace if damaged or worn out.
3. Seat section between nozzle and needle for leakage	*Replace if there is still leakage even after you clean nozzle and needle. If you replace nozzle or needle only, first match up nozzle and needle to see if there is any leakage. *When replacing nozzle, use exclusive tool and gradually tighten. Use of other tools can cause breakage of thread or incomplete centering.
4. Tip of needle	*Replace if bent or broken. You cannot repair a bent needle. Replace it with a new one immediately. Damaged needle can cause adverse atomization and damage to tip of nozzle or inner diameter.

R1: retighten R2: adjust R3: clean R4: replace parts

Problems	Place of Problem	Where to check	Causes	Remedies			
				R1	R2	R3	R4
Paint leaks	tip of brush	fluid nozzle~	dirt, damage, wear on seat			○	○
		fluid needle	insufficient nozzle tightening	○			
		needle spring~	wear on needle spring				○
	main lever	needle spring case	loose needle packing screw	○			
		needle~ fluid	needle does not return due to paint buildup on fluid needle.		○	○	
		needle packing screw	loose needle chucking nut	○			
Paint does not come out.	tip of airbrush	fluid nozzle	clogged				○
		needle chucking nut	insufficient tightening	○			
		needle cap-nozzle cap	dirty needle and nozzle cap				○
		Needle	Clogged				○

Causes and remedies of incomplete spray patterns

Pattern	Causes	Remedies
	Paint sticks to tip of needle	Clean tip of needle.
	Air enters screw section between nozzle and body.	Remove nozzle, clean screw section and retighten.
	Tip of nozzle is set back from tip of nozzle cap.	Tighten nozzle and cap.
	Paint sticks to tip of nozzle, needle or needle cap.	Clean nozzle, needle or needle cap.
	Bent tip of needle, break or damage to tip of nozzle	Replace parts.
	Nozzle is clogged.	Clean nozzle.
	Atomizing air pressure is too low.	Increase air pressure.
	Paint viscosity is too high.	Reduce its viscosity.

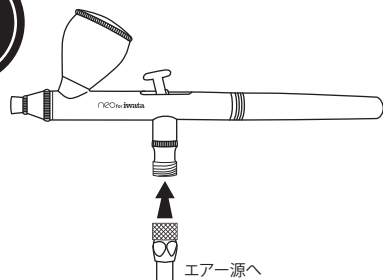
Please contact your local Anest Iwata agent for inquiries.

ノズルについての大切なお知らせ

詰まりや損傷がない限りはノズルを取り外さないでください。常にエアブラシをきれいに保ってください。塗料が乾くとノズルが詰まってしまうので、塗料がエアブラシに残らないようにしてください。丈夫で高品質な材料から作られていてもノズルは小さくデリケートな部品です。過度の締め付け、落下、ニードルやツールの無理な挿入、ネジ山の損傷など不注意による損傷および消耗は保証の対象外です。部品の交換や修理サービスなどについては現地のアネスト岩田グループ各社までお問合せください。

1

はじめに



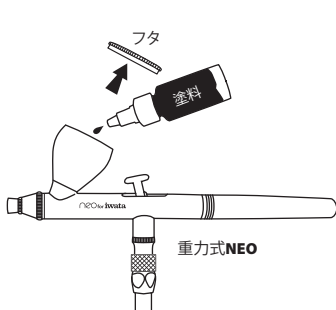
エアブラシにエアースource (別売り)の片方を繋いでください。

エアースourceのもう片方を、エアブラシ用ミニコンプレッサ (別売り) などのエアースourceへ繋いでください。

2

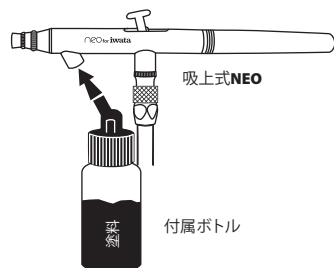
塗料

塗料はエアブラシ用塗料を使用するか、牛乳程度まで薄めてください。粘度の高い塗料は吹付けに高めの圧力が必要となります。



重力式NEO CNは、フタを外してカップに数滴塗料を入れて、フタを戻してください。(カップのサイズは2タイプあります)

吸上式NEO BCNは、付属のボトルに塗料を入れて、ボトルをエアブラシ下部に差し入れてください。(ボトルはネジ式ではありません)



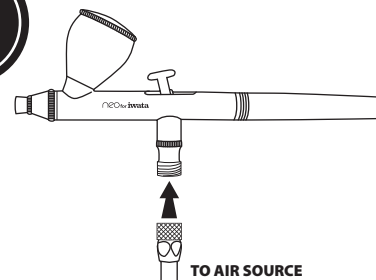
IMPORTANT NOZZLE INFORMATION

Never remove the nozzle unless it is damaged or clogged.

Always keep your airbrush clean. Never leave paint in your airbrush as dried paint can clog a nozzle. Although engineered from durable, high-quality materials, the nozzle is small and delicate. Accidental damage caused by cross-threading, over-tightening, dropping the airbrush, forcing a needle or tools into the nozzle and normal wear are not covered under the warranty. Replacement parts and repair services are available through your local affiliate.

1

BEGIN



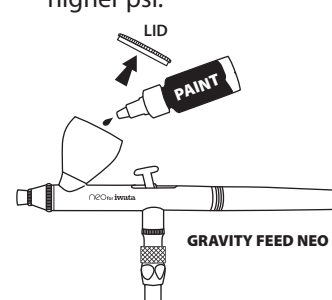
Begin by attaching the small end of an Iwata airbrush hose (sold separately) to your airbrush.

Attach the other end of your airbrush hose to an air source such as the NEO AIR for Iwata Airbrush Compressor (sold separately).

2

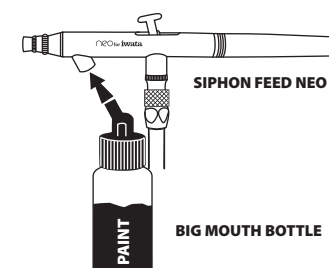
PAINT

Use airbrush-ready paint or be sure your paint is thinned to the consistency of skim milk. Thicker paint may require spraying at a higher psi.



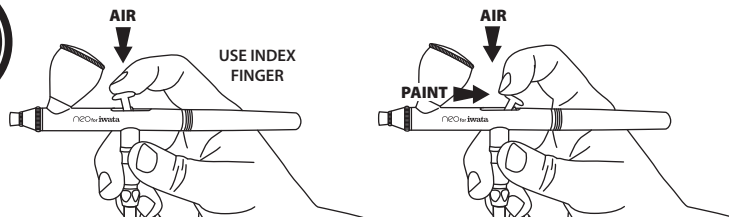
For the gravity feed NEO CN, remove lid by pulling off. Put a few drops of paint into the color cup and push lid back on. (Note you have 2 choices of cup size).

For the siphon feed NEO BCN, put paint into the Big Mouth Bottle (included) and attach the bottle to the bottom of the airbrush by pushing it into the airbrush. (Bottle does not screw in.)



3

START AIRBRUSHING



Turn your compressor on. Using your index finger for control, push down on the main lever for air flow. With main lever pushed down, pull back to release paint flow. This is called dual action.

For finer lines, turn the air compressor pressure (psi) down, get close to paint surface then push down and pull back on the main lever just a little.

Clean your airbrush between color changes and at the end of your work session.

CLEANING

To clean your airbrush, empty excess paint from cup. Flush out airbrush with the appropriate cleaner for your medium (such as airbrush cleaner) or use water (good for water-based mediums) and spray airbrush until it sprays clear. Wipe out cup as necessary.

For bottles, replace with a bottle containing cleaning solution and spray until the solution is clear and clean.

! NEVER soak your entire airbrush in any liquid. NEVER store your airbrush with spray medium or cleaning agents in the fluid cup.

NEED ASSISTANCE ?

If you have any issues or warranty service questions, contact your local ANEST IWATA affiliate before returning to your place of purchase.

ANEST IWATA-MEDEA, INC.
Portland, Oregon U.S.A.
+1-503-253-7308 (M-F)
info@iwata-medea.com
www.iwata-airbrush.com

ANEST IWATA SOUTH-EAST ASIA CO., LTD.
Bangkok, Thailand
+66-(0)-2643-2870
www.anest-iwatasoutheastasia.com

ANEST IWATA SOUTH AFRICA (PTY) LTD.
Johannesburg, Republic of South Africa
+27-11-463-2169/2265/2223
www.anest-iwata.co.za

ANEST IWATA CORPORATION
Yokohama, Japan
+81-(0)45-591-1111
www.anest-iwata.co.jp

ANEST IWATA STRATEGIC CENTER
Cardano al Campo, Italy
+39-0331-733120
www.anest-iwataeu.com

ANEST IWATA SHANGHAI
Shanghai, China
+86-(0)21-6407-9713 / 15 / 16
www.anest-iwata-sh.com

ANEST IWATA RUS LLC
Moscow, Russia
+7-495-938-77-28
www.anestiwata.ru

ANEST IWATA AUSTRALIA PTY LTD.
Mt. Druitt, NSW
+61-(02)-9853-2000
www.anest-iwata.com.au

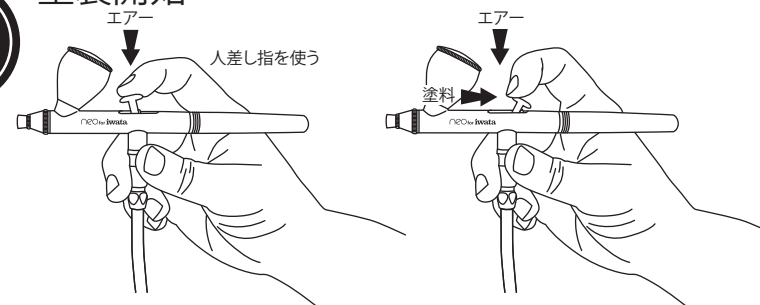
ANEST IWATA (U.K.) LTD.
Neots Camb, England
+44-(0)1480-405419
www.anest-iwata.co.uk

ANEST IWATA MOTHERSON LTD.
Uttar Pradesh, India
+91-(0)120-4600500 / 14 / 17
www.aircompressors.com

CENTURY TRADING CO., LTD.
Seoul, Korea
82-2-2163-0300
www.centurading.co.kr

3

塗装開始



コンプレッサの電源を入れてください。人差し指でボタンを下に押しすと、空気が出ます。ボタンを下に押しただまま後ろに引くと、塗料がでます。これをダブルアクションと呼びます。

細い線を描くときはコンプレッサの圧力を下げて塗面にエアブラシを近づけて、トリガーの引き代は小さくしてください。

色を変える際、また作業を終了する際はエアブラシを洗浄してください。

エアブラシの洗浄

洗浄の際はカップに残った塗料を出してから、洗浄液(水性の塗料は水で洗浄可能です)を何度か捨て吹きをして、液体が綺麗になるまで繰り返してください。

ボトルタイプをご使用の場合は、洗浄液の入ったボトルに付替えて同様の作業を行ってください。

! エアブラシ全体を液体に浸さないで下さい。カップに塗料、洗浄液、などを入れたままエアブラシを保管しないで下さい。

困ったときは?

各地の支店・営業所、もしくはご購入された販売店までお問い合わせください。

お問合せは

アネスト岩田株式会社

札幌駐在所	TEL 011-831-6141	FAX 011-831-6144	中部支店	TEL 052-412-3221	FAX 052-412-3229
東北営業所	TEL 022-284-1257	FAX 022-208-5930	関西支店	TEL 06-6458-5971	FAX 06-6458-5978
北関東支店	TEL 0480-96-7001	FAX 0480-96-7003	福岡営業所	TEL 092-433-1085	FAX 092-433-1103
関東支店	TEL 045-595-3660	FAX 045-595-3661			

お客様
相談室

☎ 0800-100-1926

ホーム
ページ

<https://www.anest-iwata.co.jp>

※携帯・PHSからもご利用いただけます。



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