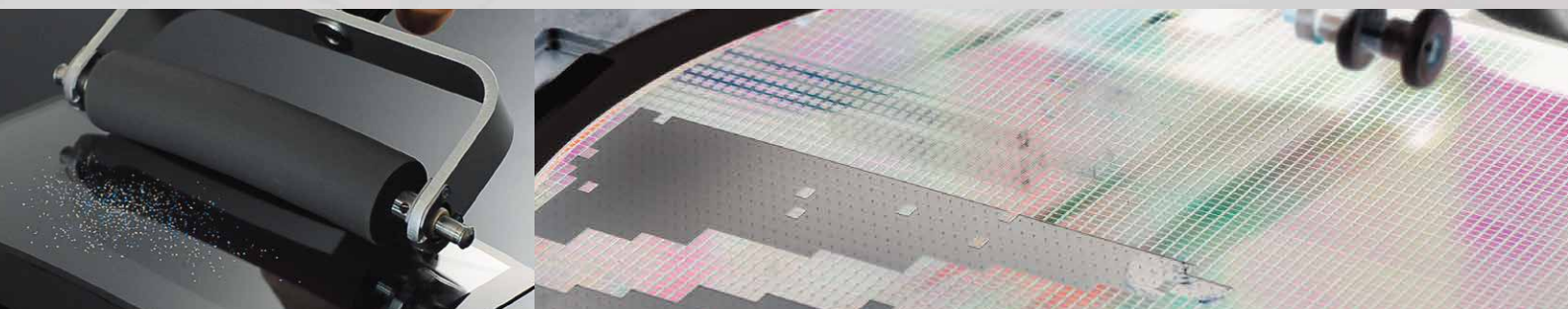




TechniClean®



Hand Cleaner & Accessories

HC-700 Series	HC-730 (30/110/450) HC-715 (30/110/450) HC-710 (30/110/450)
mini HC Series	HC-76/450 HC-73 (30/450) HC-ST30/450 HC-03CB/5P HC-03B/5P
HC-700CNT Series	HC-730CNT HC-715CNT HC-73CNT
FHC Series	FHC-115/110
HC-700FE Series	HC-715FE HC-04FE/5P
HC-700S Series	HC-730SI HC-715SI HC-730SK HC-715SK HC-730SF HC-715SF
mini HC-S Series	HC-76SK HC-73SK
Accessories	AT STICK (2/3) DMR-2535 DMR-2535/SOR70/2P DMR-2535/SOR60/2P AD SHEET TC-315FL TC-325NF TC-33 DMB-7 DMT-2033R/6P PCR-30 DMT-2032B/2P

FHC Series

Curved surface cleaning type

Butyl synthetic rubber

Hand cleaner capable of cleaning curved surfaces

FHC-115/110 NEW

Our original technology added flexibility to a conventional hand cleaner for flat surfaces. This model removes foreign objects efficiently from workpieces with curved surfaces, on which conventional hand cleaners had a difficult time performing such work.

[Main features]

- Our original technology enables removal of foreign objects from curved surfaces.
- A spherical bearing performs seamless followability to curved surfaces.
- An extremely little amount of component transfer occurs in removing foreign objects.

[Applicable workpieces]

- Curved screen displays
- Molded articles for home appliances
- Molded articles for automotive use
- Bottle containers for cosmetics
- Other resin/glass products



Technical Data

110 Tacks

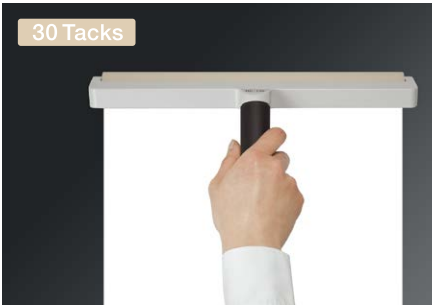
External dimensions (W×D×H)	220×200×35mm
Roller dimensions (W×φ)	150×35mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Dark brown
Main body weight	450g

Hand Cleaner & Accessories

Audio-Technica’s series of hand cleaners adopts special adhesive rollers across the entire product line. The rollers’ adhesive strength can be used to effectively remove dust, particles, and other debris from resin boards, glass, film sheets, metal plates, and more. Our hand cleaners can remove nearly all small particles.

HC-700 Series

Butyl synthetic rubber ▶ P.4



Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	300	150	100 mm



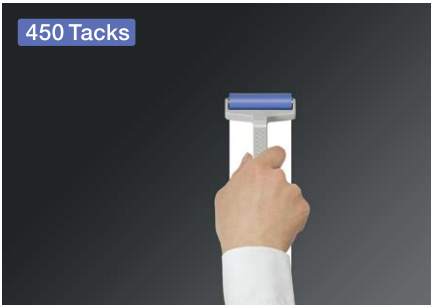
Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	300	150	100 mm



Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	300	150	100 mm

mini HC Series

Butyl synthetic rubber ▶ P.5



Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	60	30	mm



Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	30	mm	



Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	30	mm	



Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	Sø5	mm	

HC-700CNT Series

Anti-static electricity model ▶ P.5

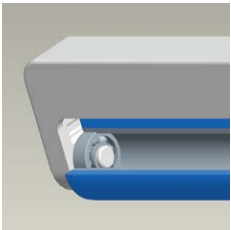
Butyl conductive synthetic rubber



Adhesion	Weak	<div><div></div><div></div><div></div></div>	Strong
Surface	Rough	<div><div></div><div></div><div></div></div>	Smooth
Static elec.	Weak	<div><div></div><div></div><div></div></div>	Strong
Hardness	Soft	<div><div></div><div></div><div></div></div>	Hard
Rubber dimensions (width)	300	150	30 mm

■ Main features

Conductive rubber handle specifications	Most models use a conductive handle. It significantly reduces electrostatic charge buildup on the hand cleaner body.
Bearing model	We adopted low dust generation bearings in our rollers to reduce workloads and prevent dust generation.
Diverse lineup	We offer a selection of rubber materials of various adhesive strength and sizes to meet your needs at a low cost.

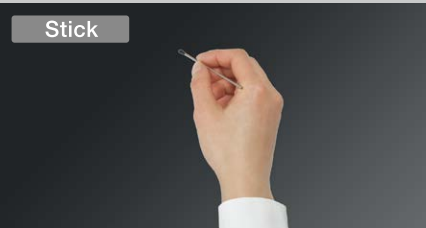


HC-700FE Series

High-durability, low-staining type ▶ P.6
Fluorine rubber



Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	150 mm				



Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	Sφ4 mm				

FHC Series

Curved surface cleaning type ▶ P.1
Butyl synthetic rubber



Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	300	150	30	mm	

HC-700S Series

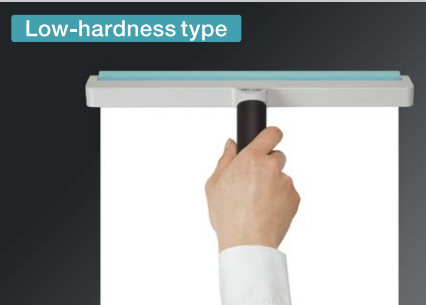
Silicone rubber ▶ P.7



Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	300	150	mm		



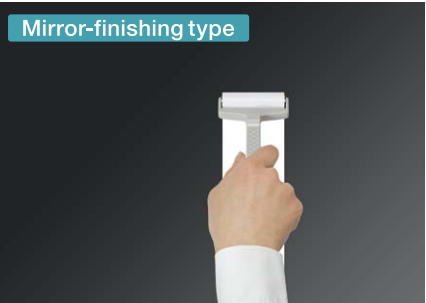
Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	300	150	mm		



Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	300	150	mm		

mini HC-S Series

Silicone rubber ▶ P.7



Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	60	30	mm		

Micro Stick

Urethane adhesive elastomer ▶ P.8

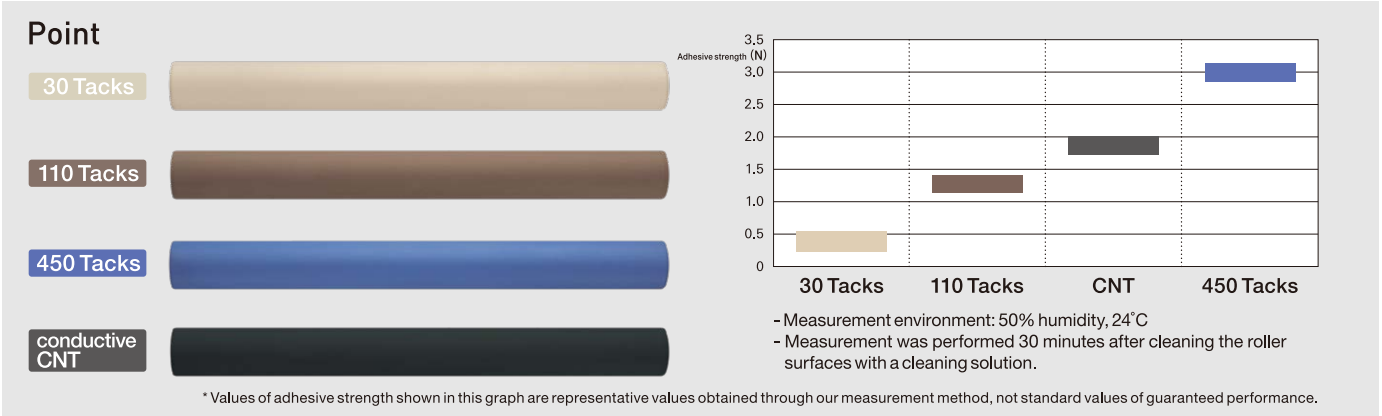


Adhesion	Weak				Strong
Surface	Rough				Smooth
Static elec.	Weak				Strong
Hardness	Soft				Hard
Rubber dimensions (width)	Sφ2	Sφ3	mm		

HC-700 Series

Butyl synthetic rubber

To handle a variety of materials, we provide adhesive strengths of 450 Tacks (high adhesion) , 110 Tacks (standard adhesion) , and 30 Tacks (low adhesion) .



30 Tacks

Low-adhesion type

Low-adhesion rollers are ideal for thin films and bonding.



HC-730/30

External dimensions (W×D×H)	325×185×65mm
Roller dimensions (W×φ)	300×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Ivory
Main body weight	385g

HC-715/30

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Ivory
Main body weight	250g

HC-710/30

External dimensions (W×D×H)	125×185×65mm
Roller dimensions (W×φ)	100×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Ivory
Main body weight	190g

110 Tacks

Standard-adhesion type

Standard adhesion rollers are ideal for thick films, etc.



HC-730/110

External dimensions (W×D×H)	325×185×65mm
Roller dimensions (W×φ)	300×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Dark brown
Main body weight	385g

HC-715/110

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Dark brown
Main body weight	250g

HC-710/110

External dimensions (W×D×H)	125×185×65mm
Roller dimensions (W×φ)	100×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Dark brown
Main body weight	190g

450 Tacks

High-adhesion type

High-adhesion rollers are the standard type ideal for acrylic and metal plates, etc.



HC-730/450

External dimensions (W×D×H)	325×185×65mm
Roller dimensions (W×φ)	300×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	23°
Roller color	Blue
Main body weight	385g

HC-715/450

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	23°
Roller color	Blue
Main body weight	250g

HC-710/450

External dimensions (W×D×H)	125×185×65mm
Roller dimensions (W×φ)	100×30mm
Roller material	Butyl synthetic rubber
Rubber hardness	23°
Roller color	Blue
Main body weight	190g

mini HC Series

Butyl synthetic rubber



HC-76/450

450 Tacks

External dimensions (W×D×H)	70×135×20mm
Roller dimensions (W×φ)	60×20mm
Roller material	Butyl synthetic rubber
Rubber hardness	23°
Roller color	Blue
Main body weight	95g



HC-73/450

450 Tacks

External dimensions (W×D×H)	40×135×20mm
Roller dimensions (W×φ)	30×20mm
Roller material	Butyl synthetic rubber
Rubber hardness	23°
Roller color	Blue
Main body weight	55g



HC-73/30

30 Tacks

External dimensions (W×D×H)	40×135×20mm
Roller dimensions (W×φ)	30×20mm
Roller material	Butyl synthetic rubber
Rubber hardness	30°
Roller color	Ivory
Main body weight	55g



HC-ST30/450

450 Tacks

External dimensions (W×D×H)	125×20φ, 10φ at the handle
Roller dimensions (W×φ)	30×20mm
Roller material	Butyl synthetic rubber
Rubber hardness	23°
Roller color	Blue
Main body weight	50g



HC-03CB/5P

Stick

External dimensions (W×D×H)	φ5×137mm
Rubber dimensions (W×φ)	7×Sφ5mm, 5×5mm
Rubber material	Butyl synthetic rubber
Rubber hardness	23°
Rubber color	Blue
Main body weight	6g/pc (5 pcs per box)



HC-03B/5P

Stick

External dimensions (W×D×H)	φ5×124mm
Rubber dimensions (W×φ)	7×Sφ5mm
Rubber material	Butyl synthetic rubber
Rubber hardness	23°
Rubber color	Blue
Main body weight	4.5g/pc (5 pcs per box)



HC-700CNT Series

Anti-static electricity model

Butyl conductive synthetic rubber

HC-700CNT Series offers conductive (antistatic) rubber rollers with reduced rubber surface resistivity that are produced by blending a new special conductive filler material into butyl adhesive rubber, which transfers a smaller amount of the rubber elements.

Point HC-700CNT Series uses specially blended rubber with an electric resistance of 10^5 to 9Ω (surface resistivity) to minimize peeling electrification. In addition, the handle material has been changed to conductive material, providing a significantly reduced electrostatic charge in the hand cleaner. The newly adopted grease-sealed bearing makes it possible to apply sufficient pressure to the workpiece and provides enhanced dust removal efficiency in combination with increased adhesion and rubber flexibility.



HC-730CNT

Electric resistance 10^5 to 9Ω

External dimensions (W×D×H)	325×185×65mm
Roller dimensions (W×φ)	300×30mm
Roller material	Butyl conductive synthetic rubber
Rubber hardness	45°
Roller color	Black
Main body weight	385g



HC-715CNT

Electric resistance 10^5 to 9Ω

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Butyl conductive synthetic rubber
Rubber hardness	45°
Roller color	Black
Main body weight	250g



HC-73CNT

Electric resistance 10^5 to 9Ω

External dimensions (W×D×H)	40×135×20mm
Roller dimensions (W×φ)	30×20mm
Roller material	Butyl conductive synthetic rubber
Rubber hardness	45°
Roller color	Black
Main body weight	55g

Antistatic Adhesive Rubber Sheet DMR-2535/SOR70/2P

- Washable in water
- Maximum effect is obtained in combination with a conductive hand cleaner.

Electric resistance $10^9\Omega$

Applicable models	Butyl conductive synthetic rubber	Color	Gray
Transfer area dimensions	250×350mm	Main body weight	380 g per sheet
Material	Antistatic urethane rubber	Thickness	3mm
Rubber hardness	20°	Quantity	2 sheets per bag



Antistatic Adhesive Rubber Sheet DMR-2535/SOR60/2P

- Washable in water
- Maximum effect is obtained in combination with a conductive hand cleaner.

Electric resistance $10^8\Omega$

Applicable models	Butyl conductive synthetic rubber	Color	Ivory
Transfer area dimensions	250×350mm	Main body weight	380 g per sheet
Material	Antistatic urethane rubber	Thickness	3mm
Rubber hardness	11°	Quantity	2 sheets per bag



Values of electrical resistance are obtained through our measurement method.

HC-700FE Series

High-durability, low-staining type

Fluorine rubber

High durability and the low-staining property are realized through the use of fluorine rubber.



HC-715FE

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Fluorine rubber
Rubber hardness	50°
Roller color	Black
Main body weight	250g



HC-04FE/5P

Model name	Stick	Transfer sheet
External dimensions	Sφ4×92mm	50×50×1mm
Rubber dimensions (W×φ)	Sφ4mm	
Rubber material	Fluorine rubber	Fluorine rubber
Rubber hardness	50°	40°
Rubber color	Black	Black
Main body weight	2g	6g
Other	5 sticks and 1 transfer sheet per box	

Point Durability

With excellent solvent and wear resistance, the adhesive strength of these cleaners is nearly unaffected by solvents. In addition, since their surfaces rarely deteriorate due to wear, these cleaners maintain their stable and high performance for a long time.

Low-staining property

By drastically improving solvent resistance, which is a major cause of deterioration in adhesive rubber used for dust removal, these cleaners minimize the bleed of rubber components and the staining which results from contact with the rubber. In addition, since the rubber itself has self-adhesive strength and does not use tackifiers, staining resulting from contact with the rubber can be minimized.

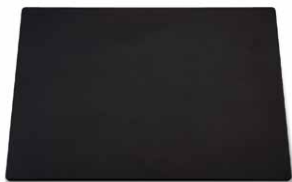
Maintenance Options

Butyl synthetic rubber

Butyl dielectric synthetic rubber

Dedicated option

Adhesive rubber transfer sheet DMR-2535



Applicable models	Butyl synthetic rubber/ butyl dielectric synthetic rubber
Transfer area dimensions	250×350mm
Material	Butyl synthetic rubber
Color	Black
Main body weight	570g
Thickness	5mm

Butyl rubber transfer pad DMT-2033R/6P

- This pad is optimal for roller cleaning our butyl synthetic rubber.
*It can be used for butyl synthetic rubber, 30 Tacks (weak adhesion), 110 Tacks (medium adhesion), CNT (conductivity).
- We kept the adhesive transfer to the roller to a minimum to make it usable for butyl rubber.



DMB-7 use example

Applicable models	For butyl synthetic rubber, 30 Tacks, 110 Tacks/butyl conductive synthetic rubber, CNT
Dimensions (W×D)	195mm×333mm
Material	PE
Adhesive part material	Acrylic adhesive
Adhesion	2.3±0.8N (230±80gf)/25mm
Color	White
Other	50 sheets×6 per box Includes 1 base plate, 1 stack of sheets is already attached to the base plate

*Please note that this cannot be used with 450 Tacks (strong adhesion).

Adhesive rubber transfer sheets AD Sheet 250×250 200×300

- Can be washed in water



Model name	AD Sheet 250×250/5P	AD Sheet 200×300/5P
Applicable models	Butyl synthetic rubber/butyl dielectric synthetic rubber	
External dimensions	250×250mm	200×300mm
Material	Urethane adhesive elastomer	
Color	Transparent	
Main body weight	78g	76g
Pieces	5pcs/bag	

Cotton sheets TC-33

- A special material comprised of 100% cellulose which does not generate dust or fluff and prevents static generation



Material	100% cellulose
Dimensions	250×250mm/4-folded
Sheets	100 sheets/bag

Roller cleaning liquid

TC-315FL NEW 18L 5L(1L×5)**TC-325NF** NEW 18L 5L(1L×5)

- Best for cleaning adhesive butyl rubber rollers
- Eco friendly with improved cleaning ability



Attention in the transportation

UN class : UN class3 (Flammable liquids)
Packing Groups : III
UN No. : UN3092

HC-700S Series

Silicone rubber

Polishing type The rubber part is polishing-finished in order to clean thin films without roll-in.



HC-730SI

External dimensions (W×D×H)	325×185×65mm
Roller dimensions (W×φ)	300×30mm
Roller material	Silicone rubber
Rubber hardness	40°
Roller color	White
Main body weight	385g



HC-715SI

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Silicone rubber
Rubber hardness	40°
Roller color	White
Main body weight	250g

Point

Ideal for thin films



Mirror-finished type The rubber part is mirror-finished to improve adhesion to the material and to maximize dust removal performance.



HC-730SK

External dimensions (W×D×H)	325×185×65mm
Roller dimensions (W×φ)	300×30mm
Roller material	Silicone rubber
Rubber hardness	20°
Roller color	White
Main body weight	385g



HC-715SK

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Silicone rubber
Rubber hardness	20°
Roller color	White
Main body weight	250g

Point

Ideal for plates and resin plates



Mirror-finished, low hardness type By using a low-hardness silicone rubber, this cleaner can clean even irregular material surfaces thoroughly.



HC-730SF

External dimensions (W×D×H)	325×185×65mm
Roller dimensions (W×φ)	300×30mm
Roller material	Silicone rubber
Rubber hardness	12°
Roller color	Peppermint green
Main body weight	385g



HC-715SF

External dimensions (W×D×H)	175×185×65mm
Roller dimensions (W×φ)	150×30mm
Roller material	Silicone rubber
Rubber hardness	12°
Roller color	Peppermint green
Main body weight	250g

Point

Ideal for boards after patterning



mini HC-S Series

Mirror-finished type Silicone rubber



HC-76SK

External dimensions (W×D×H)	70×135×20mm	Rubber hardness	20°
Roller dimensions (W×φ)	60×20mm	Roller color	White
Roller material	Silicone rubber	Main body weight	95g



HC-73SK

External dimensions (W×D×H)	40×135×20mm	Rubber hardness	20°
Roller dimensions (W×φ)	30×20mm	Roller color	White
Roller material	Silicone rubber	Main body weight	55g

Maintenance Options

Silicone rubber

Dedicated options

Silicone rubber transfer pad
PCR-30

- Transfer pads instantly remove stains on hand cleaners made from silicone rubber.

Applicable models	Silicone rubber
Dimensions (W×D)	325×185mm
Material	Mat-coated paper
Color	White
Other	50 sheets×5 books/box



Silicone rubber transfer pad
DMT-2032B/2P

Applicable models	Silicone rubber
Dimensions (W×D)	335×195mm
Material	LDPE
Color	Creamy white
Other	100 sheets×2 books/box



Table for hand cleaners/transfer pads
DMB-7



Applicable models	DMR-2535, DMR-2535/SOR70/2P, DMR-2535/SOR60/2P, AD Sheet, PCR-30, DMT-2032B/2P
External dimensions (W×D×H)	380×380×50mm
Material	ABS resin
Color	White
Main body weight	320g

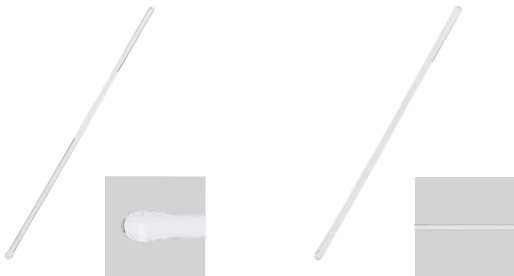


- Hand cleaners and transfer pads can be set up on this table, improving the efficiency of your work. Hand cleaners may be stored without damaging their rollers.

Micro Stick

Urethane adhesive elastomer

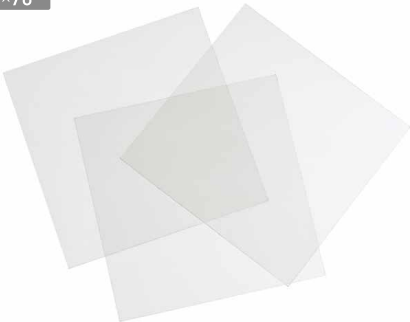
Micro stick cleaner
AT Stick (2) (3)



Model name	AT Stick (2)	AT Stick (3)
External dimensions	φ2×150mm	φ3×150mm
Adhesive part	Sφ2	Sφ3
Adhesive part material	Urethane adhesive elastomer	
Pieces	100 sticks/bag	

Adhesive transfer sheet
AD Sheet 70×70

- Can be washed in water



Applicable models	AT Stick
External dimensions	70×70mm
Material	Urethane adhesive elastomer
Color	Transparent
Main body weight	6g
Pieces	10 sheets/bag

TechniClean Showroom



At the showroom in Audio-Technica's Machida office, our latest models are always on display. We welcome your visit.

If you wish to visit our showroom, please be sure to make a reservation beforehand.

TEL: 81 (42) 739 9123

audio-technica

Audio-Technica Corp., Special Machines Dept.

Tokyo: 7-2-1 Naruse, Machida City, Tokyo, 194-8566 Japan
TEL: 81 (42) 739 9123 FAX: 81 (42) 739 9130
Osaka: 5F, Regal Shinosaka Bldg., 2-1-17 Miyahara, Yodogawa-ku,
Osaka City, Osaka, 532-0003 Japan
TEL: 81 (6) 6399 3041 FAX: 81 (6) 6399 6170
Fukuoka: 1F, East Pal Hakata, 1-11-22 Tokoji-machi, Hakata-ku,
Fukuoka City, Fukuoka Prefecture, 812-0896 Japan
TEL: 81 (92) 431 5576 FAX: 81 (92) 414 2918

www.techniclean.jp

E-mail: tc@audio-technica.co.jp

Agency



Audio-Technica Machida office is certified according to environmental management system standards ISO 14001.

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Attention

Please read operational instructions and precautions in manual carefully before use.

The content of this catalogue is as of November 2021.