



Microwaves

Professional Range Brochure

SHARP
Be Original.



SHARP: AS ORIGINAL AS YOU

Sharp has been inventing one-of-a-kind products and solutions that benefit society and business for more than 110 years. Our mission today is the same as it was then: an ambition for excellence. Our story began with the invention of an ever-sharp mechanical pencil (hence the name 'Sharp') and continued with a steady stream of innovative products.

Right from the very beginning, Sharp has been driven by originality. Starting with our founder Tokuji Hayakawa and his spirit of sincerity and creativity, it's the force that still drives us today.

Everything we do is about bringing to life new solutions that create a new way of living, thinking and being.

Our mission is to originate technologies that enhance lifestyles and support individual expression. We create inspirational and innovative solutions that let you be you.



110

Years of History



91

Affiliates Companies



47,941

Employees



1912

1953

JAPAN'S FIRST TV SET TV3-14T

The age of television in Japan began in 1953 when Sharp became the first Japanese company to mass produce TV sets. But Sharp's research into television goes back to 1931, a time when radios were just beginning to take off in Japan.



BRAND HISTORY

1962

JAPAN'S FIRST MASS PRODUCED MICROWAVE OVEN R-10

Sharp developed the R-10, Japan's first microwave oven in 1961. The following year, Sharp became the first company to mass produce microwave ovens.



ALL-TRANSISTOR-DIODE ELECTRONIC DESKTOP CALCULATOR CS-10A

The CS-10A was the world's first electronic desktop calculator using all-transistor diodes. It sold for 535,000 yen, about the same price as a family car.

1964





1966



SENSOR MICROWAVE OVEN

Sharp's microwave oven not only incorporated sensor technology to make sure the food is cooking evenly but also had cooking data derived from numerous cooking experiments and advice from first-class chefs.



INDUSTRY'S FIRST CAMERA-EQUIPPED MOBILE PHONE

J-SH04

The J-SH04 was the first mobile phone to feature a 110,000-pixel CMOS imager that allowed users to instantly e-mail photos they take. It was sold through Japanese carrier J-Phone.



MICROWAVE OVEN WITH TURNTABLE R-600

Sharp released the R-600, Japan's first microwave oven with a turntable. This revolutionary product eventually became the standard type to lead the industry.



1988

WORLD'S FIRST 14-INCH COLOUR TFT LCD

World's First 14-Inch Colour TFT LCD
By continuously building on the R&D efforts that had led to the introduction of the LCD pocket calculator in 1973 and by advancing technology developed for a three-inch LCD colour TV, Sharp ultimately succeeded in producing a prototype 14-inch colour TFT LCD.



2000



2010

AQUOS QUATTRON 3D TV LC-60LV3 / LC-52LV3 / LC-46LV3 / LC-40LV3

Sharp introduced the LV Series AQUOS Quattron 3D LCD TVs, which use four-primary-colour*¹ 3D LCDs, a world first*². Developed based on Sharp's proprietary UV2A technology*³, this technology adds Y (yellow) to the three RGB (red, green, blue) primary colours. AQUOS Quattron gives vivid reproduction of colours such as brilliant yellow, brassy gold, and emerald green, colours difficult to achieve faithfully with conventional three-primary-colour technology. In addition, increased light utilization efficiency provides a level of brightness approximately 1.8 times greater*⁴ than three-primary-colour LCD panels, enabling users to enjoy breath-taking images. Further, proprietary Sharp technology gives life-like images with dramatically reduced crosstalk.

*¹ Four-primary colour is a proprietary Sharp technology for reproducing colours on a display; it differs from the conventional three-primary-colour concept of light and colour.
*² As of April 12, 2010; for commercially available LCDs for 3D TV.
*³ Acronym for Ultraviolet induced multi-domain Vertical Alignment. Photo-alignment technology that can precisely control the alignment of liquid crystal molecules using a manufacturing method based on UV light exposure.
*⁴ Screen brightness when displaying 3D images compared to Sharp's previous technology (three-primary-colour Advanced Super View LCD without FRED technology).

MEGAFREEZER SERIES PLASMACLUSTER REFRIGERATORS

SJ-GX55E/GX50E

The SJ-GX55E/GX50E Megafreezer Series Plasmacluster refrigerators are compatible with Sharp's Cocoro Kitchen AloT cloud service and are the first such products in the industry*¹ to link to cooking appliances such as Sharp's Healsio Water Oven and Healsio Hot Cook electric waterless cooker. The refrigerators' menu navigation function provides users with ideas for easy-to-make dishes that can be prepared with the linked appliances and even helps make these dishes. The refrigerators come with a function for communication among family members: users can send messages from outside locations to the refrigerator via their smartphone, for example telling their children what snacks are in the refrigerator and confirming when children have come home based on whether messages have been read.

2018



AQUOS XLED DX1/DP1 8K/4K TV DX1/DP1 AQUOS XLED 8K/4K TV

The AQUOS XLED DX1/DP1 8K/4K TV was launched as a new brand under the AQUOS lineup. It employs newly developed mini LEDs for its backlight which dramatically improves picture contrast and other display performance parameters.

2021



*¹ For CFC-free residential refrigerators/freezers in Japan, as of August 6, 2018 (based on Sharp research). Released August 23, 2018

..... FUTURE

PROFESSIONAL MICROWAVES

Sharp is renowned for its heritage in microwave ovens and **has been improving this technology for over 60 years.** Our professional range continues to set the standard in the foodservice industry.



1000W • 28L
MEDIUM DUTY
PROFESSIONAL MICROWAVE



YB-S1282AE

2100W • 20L
HEAVY DUTY
PROFESSIONAL MICROWAVE



YB-S4202AE

1800W • 19L
HEAVY DUTY INVERTER
PROFESSIONAL MICROWAVE



YB-S6192AE

PROFESSIONAL MICROWAVES FOR ALL REQUIREMENTS

From coffee shop or pub, to fine dining or event catering, quality, consistency and flexibility are vital. Sharp's extensive history in the manufacture of world class ovens has resulted in a comprehensive range of professional microwaves that cater for all these requirements and more.

As a market leader Sharp utilise innovative Japanese technology and build to ensure that whether for light or heavy duty our products are robust, reliable and easy to use.



PACKED WITH HELPFUL FEATURES

Our Professional Microwaves are built to the highest standards and designed to deliver consistent and perfect results time after time thanks to their twin stirrer fans. All of our models come equipped with a counter check feature which takes the guesswork out of identifying the most popular items on the menu.



MEMORY PROGRAMMING

All of our professional Microwaves come with touch control panels and programmable memory settings making it quick and efficient to cook all of the most popular dishes on the menu time after time.



EXPRESS DEFROST

Many of the Sharp models also incorporate Express Defrost technology, which automatically speeds up the defrosting process. This time and energy saving feature is perfect for a busy kitchen, working to ensure a fast and efficient service which removes the pressure from a busy kitchen team.



DURABILITY

The Sharp range of professional microwaves are perfect for the daily rigors of a busy kitchen as they are manufactured from high grade, rust resistant stainless steel. Moreover, the versatile interior flatbed design not only delivers on maximum cooking space but is also quick and simple to clean at the end of a busy day.





SHARP YB-S1282AE MEDIUM DUTY PROFESSIONAL MICROWAVE

- **VERSATILE**
28 litre capacity
- **SIMPLE**
easy clean flatbed
- **EFFICIENT**
1000W power output



The **YB-S1282AE** Medium Duty Professional Microwave is ideal for a whole host of locations including cafes, coffee shops, convenience stores and petrol forecourts. With its sleek touch control panel this oven is simple and easy to operate time after time and the flatbed design means it is hassle free to maintain and keep clean.

This Microwave comes complete with excellent programmable memory settings making it simple and easy to heat a wide variety of dishes such as pies, hot desserts, vegetable sides or even reheating plated meals. Additional features such as express defrosting technology and 3 stage cooking make this Microwave oven simple and convenient to use.



YB-S1282AE

- Express Defrost
- Control Type: Digital
- Cavity Type: Flatbed
- 20 Memory Settings
- LCD Display
- Single Magnetron
- Double Action Door Handle



SHARP YB-S4202AE HEAVY DUTY PROFESSIONAL MICROWAVE

- **POWERFUL**
2100W power output
- **STACKABLE**
for flexibility
- **VERSATILE**
20 memory settings



The **YB-S4202AE** Heavy Duty Professional Microwave has been solidly engineered and designed to cope with the demands of every day usage. With this in mind, this Microwave is ideal for school and hospital kitchens, busy restaurants and pubs and other venues with heavy catering requirements.

This Microwave comes complete with 20 programmable memory settings and an easy touch control panel making it quick and simple to use day in day out. Additional features such as express defrosting technology, 3 stage cooking and a stackable design all lend themselves perfectly to high usage settings.



YB-S4202AE

- Express Defrost
- Control Type: Digital
- Cavity Type: Flatbed
- 20 Memory Settings
- High Brightness Display
- Double Magnetron
- Double Action Door Handle
- Can be stacked





SHARP YB-S6192AE HEAVY DUTY INVERTER PROFESSIONAL MICROWAVE

- **INVERTER TECHNOLOGY**
for precise results
and even cooking
- **POWERFUL**
1800W power output
- **SIMPLE**
easy clean flatbed
and 30 memory settings



The **YB-S6192AE** Heavy Duty Professional Microwave comes complete with Sharp's Inverter technology for a superior cooking experience.

The Inverter Technology delivers a constant heat output and precise power for exact results every single time, even when heating or defrosting delicate foods.

The ultimate professional Microwave for reliability, efficiency and fantastic performance.



YB-S6192AE

- Inverter Technology
- Control Type: Digital
- Cavity Type: Flatbed
- 30 Memory Settings
- LCD Display
- Double Magnetron
- Double Action Door Handle
- Can be stacked

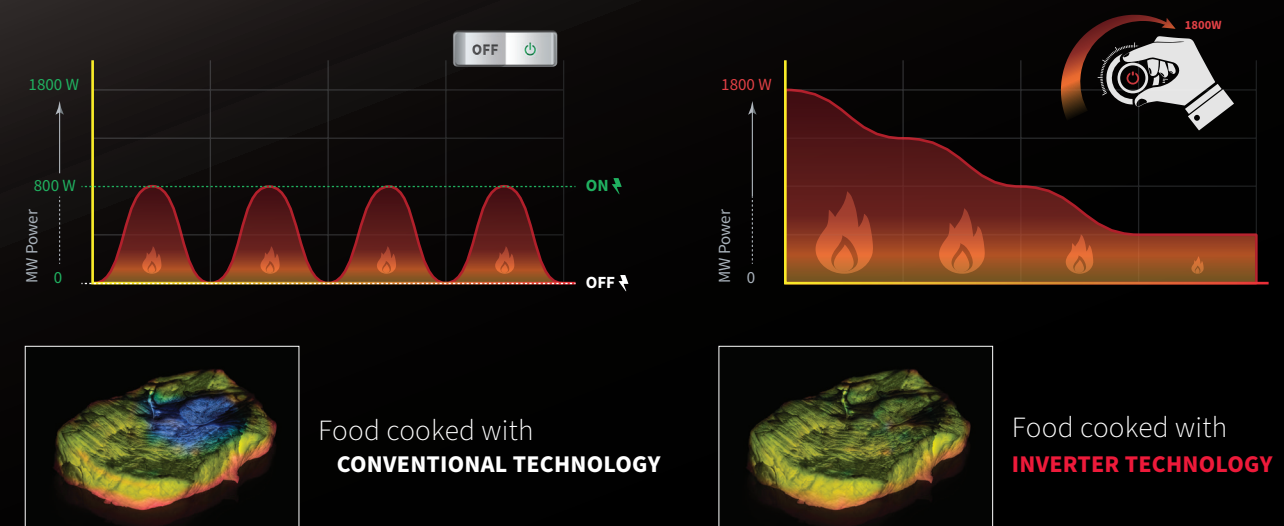


WHAT IS INVERTER TECHNOLOGY?



Inverter technology differs from traditional microwaves by **providing constant**, rather than pulsed power, **when cooking, reheating or defrosting at reduced power levels**. For example, a traditional microwave set at 50% will pulse by switching power on and off throughout the cooking period, which can lead to un-even results in some foods. Inverter technology will provide a precise and constant supply of power at 50%, making it easier to cook or reheat delicate foods slowly and defrost dishes to perfection.

Thanks to **precise temperature control**, you can cook, reheat or defrost a far greater variety of dishes that conventional microwaves were previously never able to prepare to the same high standard.



What are **THE BENEFITS** of Sharp's patented inverter technology?



- Precise, fast and controllable power for more uniform cooking
- It consumes less energy, prolonging the life span of the microwave
- Lightweight: over 10kg lighter than standard magnetron machines

TECHNICAL SPECIFICATIONS



PROFESSIONAL MICROWAVES			
MODEL	YB-S1282AE	YB-S4202AE	YB-S6192AE
Inverter Technology	-	-	✓
Express Defrost	✓	✓	-
Microwave output (w)	1000	2100	1800
Power levels	11	11	14
Cooking sequence	3 stage	3 stage	7 stage
Capacity (Litre)	28	20	19
Twin stirrer fan	-	✓	✓
Control type	Touch	Touch	Touch
Stainless steel exterior/interior	✓	✓	✓
Memory settings	20	20	30
Display	LCD	High Brightness	LCD
Double/Single Magnetron	Single	Double	Double
Check mode indicator	✓	✓	-
Programme lock	✓	✓	✓
Memory check	✓	✓	✓
Double quantity setting	✓	✓	✓
Triple quantity setting	-	-	✓
Rating (kw)	1.55	3.15	2.85
Repeat cook option	✓	✓	✓
Counter-check	✓	✓	✓
Stackable	-	✓	✓
Signal set option	✓	✓	✓
Filter indicator	-	✓	✓
Self diagnostic	✓	✓	✓
Demonstration mode	✓	-	-
Product dimensions (wxdxh mm)	520 x 424 x 309	510 x 470 x 335	420 x 480 x 337
Internal cavity dimensions (wxdxh mm)	351 x 372 x 211	330 x 330 x 180	332 x 330 x 171.5
Product weight approx. (kg)	18	33	20
Carton box size (wxdxh mm)	540 x 600 x 380	595 x 429 x 580	532 x 675 x 455



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