

MODEL 3110-FT

KEY FEATURES

- Suitable for final test
- Temperature test from -40~125°C
- Support chip package size from 3x3 mm to 45x45 mm
- Up to four output trays
- Remote control operation
- Yield monitoring function
- Intelligent auto retest & auto retry
- Real-time tray status
- Able to integrated with Chroma hybrid chiller
- Support TSD control
- Best engineering platform for testing tri-temp characterization
- Max UPH : Up to 500 pcs
- Contact force control from 1 to 10 kg (option)
- Support socket temperature compensation module (STCM)
- Support system level test (SLT) (option)

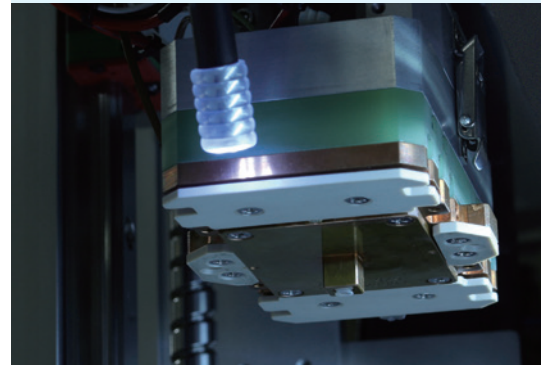
FULL RANGE ACTIVE THERMAL CONTROL HANDLER MODEL 3110-FT

The Chroma 3110-FT is an innovative pick & place system ideal for characteristics evaluation, development, and IC final test.

The system is capable of handling a vast variety of device types and sizes ranging from 3x3 mm to 45x45 mm. To further increase productivity, the 3110-FT offers an optional remote control function allowing operating the handler from any location via an internet connection. The 3110-FT also comprises soaking buffer that can improve the testing cycle time and throughput. Equipped with two auto output tray stacks and two manual output trays, the 3110-FT can maximize the loading and unloading capacity to save the cost and time all within a 1.4 m² floor space.

When integrated with Chroma Hybrid Chiller & TEC controller, the 3110-FT can control not only case temperature but also junction temperature when performing tri-temp test.

The 3110-FT can be configured to support virtually any industry standard communication interface and provide different docking options for various testers. It is also capable of supporting thermal test environments from -40°C to 125°C which ensures the durability of devices. With a user-friendly graphic interface and quick device change setup, it makes the changeover short and easy further increasing flexibility and productivity.



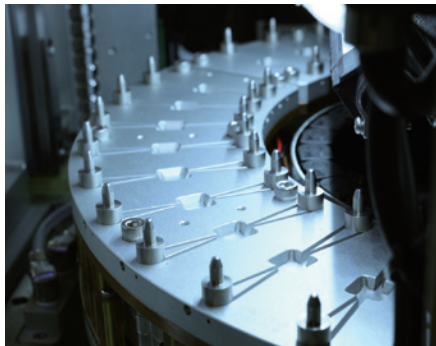
SPECIFICATIONS

Model	3110-FT
Dimensions (WxDxH)	1000 mm x 1350 mm x 1900 mm (signal tower excluded)
Weight	900 kg
Facility	Power : AC200V, Single Phase, 50/60Hz, 8.8 KVA Max. Compressed Air : 0.5 MPa or higher (dry and clean air) Flow Rate : 800 L/min, constant supply
Applicable Device	Type : QFP, SOP, TSSOP, QFN, BGA Package Size : 3x3 mm to 45x45 mm Package Height : 0.5 mm to 5 mm Lead / Ball pitch : 0.5 mm / 0.4 mm and above
Category	4 categories (2 auto, 2 manual)
Contact Method	Direct Contact / Drop and Press
Contact Force	50 kgf (standard) 1 to 10 kgf, $\pm 10\%$ (optional)
Temperature Range	-40~125°C (contact head accuracy $\pm 2^\circ\text{C}$, Pre-soak and Post-recovery buffer accuracy $\pm 10^\circ\text{C}$)
Rotator	$\pm 90^\circ$
Interface	Standard : RS-232, TCP/IP Option : GPIB, TTL
Index Time	6 sec. (Excluding tester communication time)
Jam Rate	1/3,000

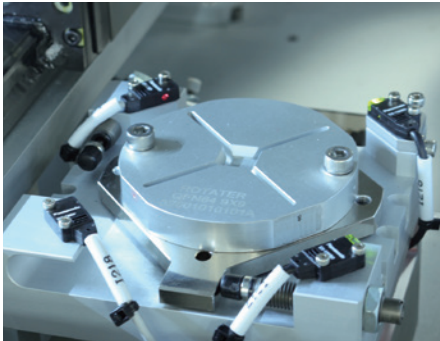
All specifications are subject to change without notice.



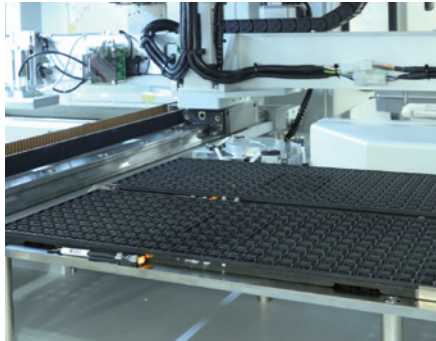
Loading



Pre-soak and Post-recovery



Rotator



Binning

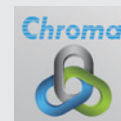
ORDERING INFORMATION

3110-FT : Full Range Active Thermal Control Handler

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Search Keyword

3110-FT

HEADQUARTERS
CHROMA ATE INC.
66 Huaya 1st Road,
Guishan, Taoyuan
33383, Taiwan
T +886-3-327-9999
F +886-3-327-8898
www.chromaate.com
info@chromaate.com

U.S.A.
CHROMA ATE, INC.
(U.S.A.)
7 Chrysler, Irvine,
CA 92618
T +1-949-421-0355
F +1-949-421-0353
www.chromaate.com
info@chromaate.com

SANTA CLARA
3350 Scott Blvd., #601
Santa Clara, CA 95054
T +1-408-969-9998
F +1-408-969-0375

EUROPE
CHROMA ATE
EUROPE B.V.
Morsestraat 32,
6716 AH Ede,
The Netherlands
T +31-318-648282
F +31-318-648288
www.chromaate.com
sales@chromaate.com

CHROMA GERMANY GMBH
Südtiroler Str. 9, 86165,
Augsburg, Germany
T +49-821-790967-0
F +49-821-790967-600
de.chromaate.com
sales@chromaate.com

JAPAN
CHROMA JAPAN
CORP.
888 Nippa-cho,
Kouhoku-ku,
Yokohama-shi,
Kanagawa,
223-0057 Japan
T +81-45-542-1118
F +81-45-542-1080
www.chroma.co.jp
info@chroma.co.jp

KOREA
CHROMA ATE
KOREA BRANCH
CORP.
3F Richtogether
Center, 14,
Pangyo-yeok-ro 192,
Bundang-gu,
Seongnam-si,
Gyeonggi-do
13524, Korea
T +82-31-781-1025
F +82-31-8017-6614
www.chromaate.co.kr
info@chromaate.com

CHINA
CHROMA ATE
(SUZHOU) CO., LTD.
Building 7, ShiShan
Industrial Gallery,
No. 855, Zhu Jiang Rd.,
Suzhou New District,
Jiang Su, China
T +86-512-6824-5425
F +86-512-6824-0732

SOUTHEAST ASIA
QUANTEL PTE LTD.
(A Company of Chroma Group)
46 Lorong 17 Geylang # 05-02
Enterprise Industrial Building,
Singapore 388568
T +65-6745-3200
F +65-6745-9764
www.quantel-global.com
sales@quantel-global.com