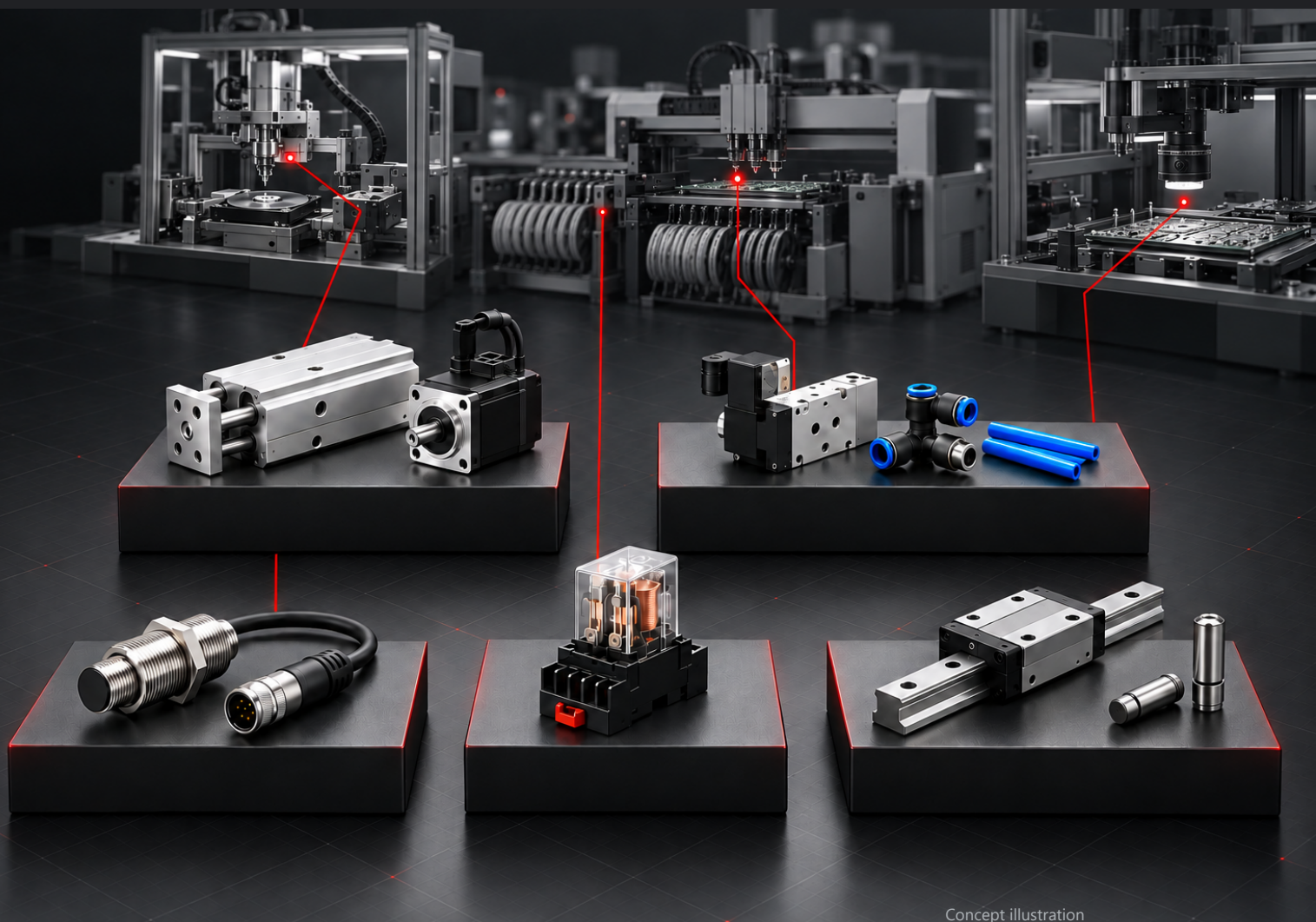


COMPANY PROFILE

The right parts. For your machinery.

Industrial components & sourcing



Concept illustration

Thorthek CM (Thailand) Co., Ltd.

HDD / EMS / PCBA / AUTOMATION

UNDERSTAND THE APPLICATION. THEN SOURCE THE PART.

Experience that connects engineering and purchasing.

Thorthek CM (Thailand) Co., Ltd. supplies THOR~~THE~~K products and sources standard components for industrial machinery. We start with the application, then clarify the model, specification and delivery requirement before quoting.

20+

YEARS OF PERSONNEL EXPERIENCE

Across Thailand's HDD, EMS, PCBA and automation industries.

Practical insight into machinery and component requirements.

01 **Application understanding**

Consider each part in the context of the machine, operating conditions and production requirement.

02 **Clear sourcing information**

Bring model numbers, quantities, units, required dates and substitution requirements into one coherent list.

03 **Options for engineering review**

Check original models and, when permitted, gather alternative specifications for customer evaluation.

FOUR CONNECTED AREAS OF EXPERIENCE

Built around manufacturing requirements.

HDD

Hard disk drive manufacturing

Precision components, machine spares and replacement requirements defined by model, dimensions and site specifications.

EMS

Electronics manufacturing services

Consolidated part lists that connect production, engineering and purchasing requirements.

PCBA

Printed circuit board assembly

Machine components and electrical inspection contacts, with specifications prepared for technical review.

AUTOMATION

Motion, sensing & machine control

Pneumatic, motion, electrical and sensing parts considered in the context of the complete system.

A practical starting point

Send a part number, nameplate photo, sample details or a spare-parts list.

STANDARD COMPONENTS

One sourcing enquiry. Multiple component groups.

01 **Motion & transmission**

Bearings, couplings, belts, pulleys and linear motion components.

02 **Pneumatics & fluid components**

Cylinders, valves, fittings, tubing and air-preparation items.

03 **Sensors & electrical components**

Sensors, switches, relays, terminals and power-supply equipment.

04 **Thermal & test components**

Peltier modules, customized strip heaters and fine-pitch contact probes.

05 **Assembly & workplace equipment**

Fasteners, hardware and selected equipment such as monitor arms.

06 **Industrial IT & OT enquiries**

Industrial connectivity and computing requirements, checked by model and application.

Brand and model availability, technical suitability and lead time are confirmed for each enquiry. Proposed alternatives require customer approval.

MULTI-BRAND SOURCING

Your brand. Your part number.
Start by asking us.

Selected brands from our sourcing portfolio

3M
ABB
BALLUFF
FESTO
KEYENCE
OMRON
SMC
**MITSUBISHI
ELECTRIC**
Changes for the Better
Panasonic
SIEMENS

MOXA®
APC®
by Schneider Electric

CISCO
NSK
THK
Fuji Electric Global

PATLITE®
KUKA
 **YAMAHA**

And many more brands.

Can't find your brand or model? Ask us first.

We can help check sourcing options for your requirement.

Logos identify brands for sourcing enquiries. Brand ownership remains with the respective owners; no authorized-distributor status is implied. Availability is confirmed per enquiry.

PETG-ESD / APPLICATION-SPECIFIC GEOMETRY

ESD machine components.
Defined functions. Custom fit.

THORTHEK
ESD MACHINE COMPONENTS

PRODUCT DEVELOPMENT CONCEPTS

CONNECTOR PARKING DOCK
TK-EC-CD01



PARK & IDENTIFY

Keeps disconnected connectors securely parked, organised and protected from damage or contamination.

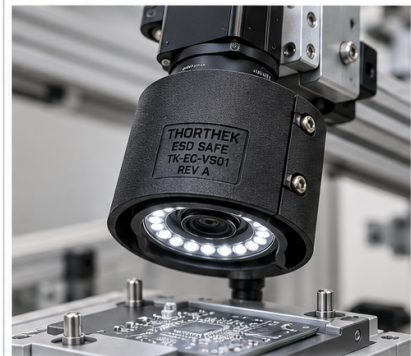
SENSOR GUARD
TK-EC-SG01



PROTECT & ACCESS

Shields sensor from mechanical damage and contamination while keeping full sensing performance and easy access.

VISION LIGHT SHROUD
TK-EC-VS01



CONTROL STRAY LIGHT

Reduces stray light and reflections for more consistent inspection imaging in electronics assembly machines.

ThortheK CM (Thailand) Co., Ltd.

| CONCEPT ONLY | ESD performance and application suitability require qualification

Catalogue concept visuals. ESD SAFE markings are subject to finished-part qualification.

Connector parking dock / TK-EC-CD01-PETG

Sensor guard / TK-EC-SG01-PETG

Vision / light shroud / TK-EC-VS01-PETG

Configure mounting interfaces, cable clearance and optical access from your drawing. Confirm the complete grounding path, electrical performance and cleaning compatibility for the finished part.

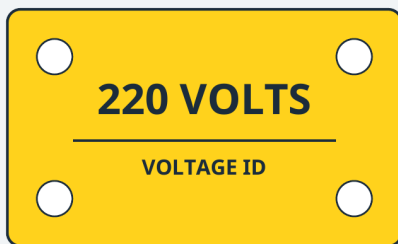


Also available: ERGOTRON LX monitor arm

45-243-026-LX. Confirm display weight and mounting requirements. Monitor not included.

SUS 304 / 2B SURFACE / UV PRINTING

Machine identification and safety label plates.

**50 × 30 mm**

V220 / GENERAL ID



Illustrative English layouts. Final bilingual artwork and signal word require approval.

Catalogue artwork examples. Final bilingual artwork and signal word require approval.

TT-LP-V220-5030

Voltage identification / 50 x 30 mm

TT-LP-PWR-8050

Door / power warning / 80 x 50 mm

TT-LP-ILK-8050

Interlock instruction / proposed 80 x 50 mm

TT-LP-S2-CUSTOM

Custom safety and general identification / to drawing

Specify size, thickness, mounting pattern, language and approved artwork revision. Qualify the UV print, plate and attachment against the actual cleaner, wiping process and site contamination criteria.

For SEMI S2 equipment projects, safety-label content and placement require application review. No S2 certification or automatic cleanroom approval is claimed for the plate.

05 / MACHINE SAFETY & IDENTIFICATION

S2 Safety Labels

Custom bilingual label sets for equipment projects using SEMI S2 requirements. Label content and placement are reviewed against applicable SEMI S1 requirements and the machine risk assessment.

DANGER – อันตราย (ความเสี่ยงสูง อาจถึงขั้นเสียชีวิตหรือบาดเจ็บรุนแรง)						
D01  DANGER HIGH VOLTAGE. Disconnect power before servicing. ไฟฟ้าแรงสูง ตัดแหล่งจ่ายไฟ ก่อนซ่อมบำรุง	D02  DANGER ELECTRICAL HAZARD. Hazardous voltage inside. อันตรายจากไฟฟ้า มีแรงดันไฟฟ้าภายใน ห้ามเปิดโดยไม่ได้รับอนุญาต	D03  DANGER อันตราย CRUSH HAZARD. Keep hands clear while operating. Lock out power before servicing. อันตรายจากการถูกหนีบ/กดทับ ห้ามนำมือเข้าไปใกล้ขณะเครื่องทำงาน ตัดและล็อกแหล่งพลังงาน ก่อนซ่อมบำรุง	D04  DANGER HIGH VOLTAGE 220 / 380 VAC Remove power before servicing. ไฟฟ้าแรงสูง 220 / 380 โวลต์ ตัดแหล่งจ่ายไฟ ก่อนซ่อมบำรุง	D05  DANGER อันตราย RISK OF EXPLOSION Do not open when energized. เสี่ยงต่อการระเบิด ห้ามเปิดขณะมีไฟฟ้า		
WARNING – คำเตือน (ความเสี่ยงปานกลาง อาจทำให้บาดเจ็บสาหัส)						
W01  WARNING คำเตือน PINCH POINT. Keep hands and fingers clear. จุดหนีบ ระวังมือและนิ้วมือ ห้ามเข้าใกล้จุดหนีบ	W02  WARNING คำเตือน MOVING PARTS. Keep hands clear while machine is operating. ชิ้นส่วนเคลื่อนที่ ห้ามนำมือเข้าไปในที่ ขณะที่เครื่องทำงาน	W03  WARNING คำเตือน AUTOMATIC START. Machine may start automatically. Stay clear. เครื่องอาจเริ่มทำงาน อัตโนมัติ ห้ามเข้าไปในที่อันตราย	W04  WARNING คำเตือน ROBOT / AXIS AREA. Stay clear of robot and moving mechanisms. พื้นที่การทำงานของหุ่นยนต์/ แขนเคลื่อนที่ ห้ามเข้าใกล้	W05  WARNING คำเตือน HOT SURFACE. Do not touch. พื้นผิวร้อน ห้ามสัมผัส	W06  WARNING คำเตือน SHARP EDGE. Avoid contact. ระวังคม หลีกเลี่ยงการสัมผัส	W08  WARNING คำเตือน DO NOT BYPASS SAFETY INTERLOCK. ห้ามยกเลิกระบบ ความปลอดภัย (Bypass) ระบบ Safety Interlock
CAUTION – ข้อควรระวัง (ความเสี่ยงต่ำ อาจทำให้บาดเจ็บเล็กน้อยหรือความเสียหายต่อเครื่องจักร)						
C01  CAUTION OPENING THIS DOOR DOES NOT DISCONNECT POWER SUPPLY. การเปิดประตูนี้ ไม่ได้ตัดแหล่งจ่ายไฟ	C02  CAUTION DISCONNECT ALL ENERGY SOURCES BEFORE MAINTENANCE. ตัดแหล่งพลังงาน ทั้งหมดก่อน ซ่อมบำรุง	C03  CAUTION CAUTION: ระวัง ESD SENSITIVE DEVICES. FOLLOW ESD PRECAUTIONS. อุปกรณ์ไวต่อไฟฟ้าสถิต ปฏิบัติตามข้อกำหนด ESD	C04  CAUTION CHEMICAL HAZARD. Follow SDS and safe handling. อันตรายจากสารเคมี ปฏิบัติตามเอกสาร SDS และการใช้งานปลอดภัย	C05  CAUTION HEAVY OBJECT. Use proper lifting technique or equipment. ของหนัก ใช้ท่าทางหรืออุปกรณ์ ช่วยยกอย่างเหมาะสม	C06  CAUTION CAUTION: ระวัง OPTICAL RADIATION. Do not stare into the beam. รังสีแสง ห้ามจ้องมองลำแสง	

Customer-supplied artwork examples. Final text, symbols and signal words require review.

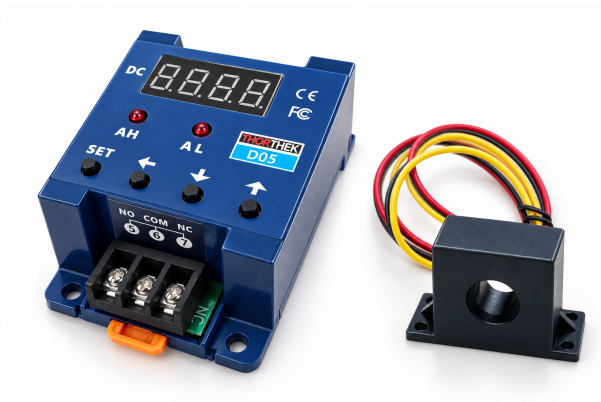
TT-LP-S2-ELEC	Voltage / electrical hazard
TT-LP-S2-MECH	Pinch point / moving parts / automatic start
TT-LP-S2-THERM	Hot surface
TT-LP-S2-ILK	Safety interlock instruction
TT-LP-S2-CUSTOM	Other hazards / mandatory actions / utility ID

Standard construction: SUS 304, 2B surface, UV printing.

To order: hazard message, language, size, thickness, fixing method, quantity and approved artwork revision.

THORTEK PRODUCT FOCUS

Components for control, cooling and electrical contact.

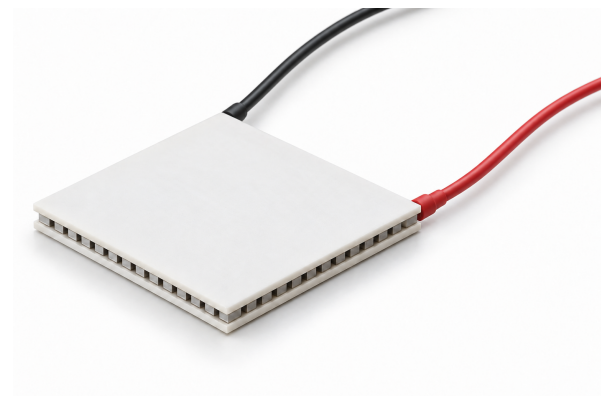


D05 / SET 50 A

DC current monitor & protection module

D05 controller with a 50 A DC sensor. High/low current alerts and relay signalling for an external control circuit.

50 A refers to the sensor. External load switching and protection must suit the application.



TEC1-12706SR

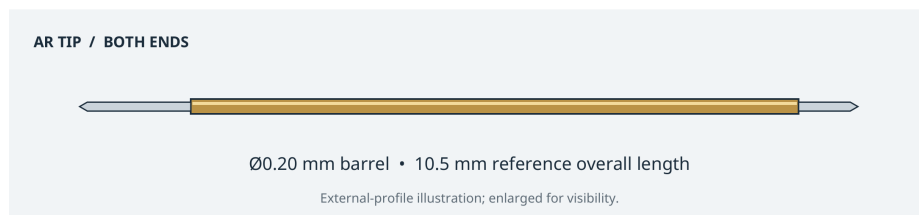
Peltier cooling module

Thermoelectric module for fixtures and temperature-control equipment. 40 x 40 mm is a model-family reference size.

Confirm delivered-lot specifications. Driver, heat sink and feedback components are separate.

RNP20-AR-TT

Double tipped contact probe



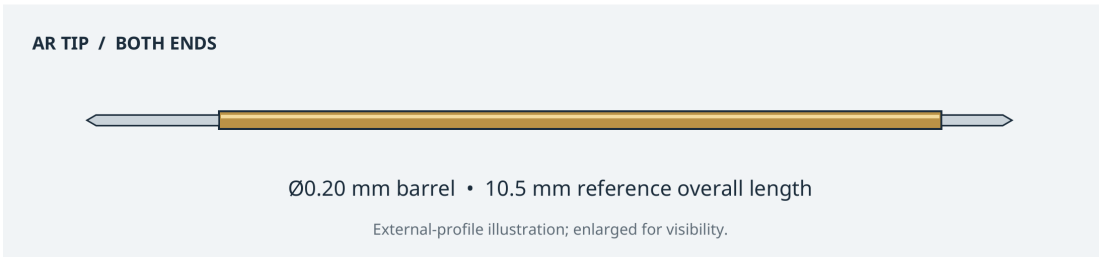
Fine-pitch contact for IC test sockets and electrical inspection fixtures. Reference: 0.30 mm minimum mounting pitch, 1.30 mm full stroke and 0.5 A allowable current. Confirm fixture compatibility and supplied-lot details.

POGO PIN / DOUBLE TIPPED CONTACT PROBE

RNP20-AR-TT

Fine-pitch electrical contact.

Spring-loaded contact for IC test sockets and electrical inspection fixtures. AR tips at both ends support a defined contact interface for fixture design.



Catalogue profile enlarged for visibility. Dimensions below are reference values.

Minimum mounting pitch	0.30 mm
Barrel / tip diameter	0.20 mm / 0.12 mm
Overall length / full stroke	10.5 mm reference / 1.30 mm
Initial spring pressure	2 gf
Spring pressure at 2/3 stroke	6 gf
Allowable current / resistance	0.5 A / 300 mOhm catalogue value
Reference barrel hole	0.22 mm
Reference replacement interval	60,000 cycles; not guaranteed service life

Before ordering

Confirm socket fit, working compression, contact resistance and acceptable contact marks. Provide RNP20-AR-TT, quantity and required delivery date. Available stock, replenishment and supplied-lot conformity are confirmed at quotation.

Reference: THOR**THEK** RNP20-AR-TT datasheet, Rev. 01. Replacement acceptance is subject to customer approval.

ERGOTRON / LX WALL MONITOR ARM

Position the display.
Free the work surface.

**45-243-026-LX**

Manufacturer part number: 45-243-026. LX identifies the product series.

Wall-mounted display positioning for inspection, assembly and machine-control workstations, subject to installation review.

Reference selection data

Display weight	3.2-11.3 kg
Height adjustment	33 cm
Extension	Up to 64 cm

What to confirm with your enquiry

Send the display model, weight, mounting-hole pattern, installation surface and required viewing position. We will check the requested configuration, accessories and supply availability.

Monitor not included. Installation suitability, accessories, warranty terms and lead time are confirmed in the quotation. Reference image shows an example configuration.

FROM REQUIREMENT TO QUOTATION

A clear route to your next purchase.

01 / SHARE

Part number or photos, quantity, required date and whether alternatives are acceptable.

02 / CLARIFY

We review the available information and identify specifications that need confirmation.

03 / QUOTE

Receive the proposed model, price and confirmed lead time for your purchasing review.

04 / CONFIRM

Agree the specification and commercial terms, then coordinate the order and delivery.

Let's discuss your sourcing requirements.

Thorthek CM (Thailand) Co., Ltd.

Sales Coordination Team

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Pathum Thani, Thailand

Sources: THORTHEK website and selected THORTHEK product datasheets. October 2026.
Product visuals are illustrative; specifications and supply terms are confirmed in the quotation.