BURGLAR – RESISTIVE SAFES
&
FIRE – RESISTIVE SAFES
YOU FEEL SECURE WITH KUMAHIRA SUPERIOR SAFE SERIES

KUMAHIRA Burglar-Resistive Safes, Fire-Resistive Safes and Special Fire-Resistive Safes have the purpose and feature for each. Burglar-Resistive Safe is suitable to protect money, important documents against robbery and fire. When you attach importance to Fire-Resistance, you can choose Fire-Resistive Safe which protects the documents from fire. You need to choose Special Fire-Resistive Safe when you want to protect magnetic media from fire.

You can choose the best safe from KUMAHIRA SAFE SERIES.
BURGLAR-RESISTANCE PERFORMANCE

KUMAHIURA ALLOY - Exclusive Protective Armor Plate -

Kumahira Alloy has a superior protection feature against acetylene torch, drill and attack. <GM-30b·GM-53b>

**ACETYLENE TORCH TEST**

An oxy-acetylene torch cannot penetrate Kumahira Alloy.

**DRILL TEST**

Proved completely effective against attacks by super-hand tip drill.

**SHOCK TEST**

1,500 kg metal ball was dropped on a slab of Kumahira Alloy from 4m height. Kumahira Alloy was not damaged.
BURGLAR-RESISTANCE PERFORMANCE

BURGLAR-RESISTANCE STANDARDS

(Authorized by 日本セーフ・ファニチュア協同組合連合会：
The Federation of Japan Safe Furniture Cooperatives)

- Burglar-Resistance Standards in JAPAN -
Burglar-Resistance Standards are divided into various classes (TRTL/ TL/ TS) depend on the test method and tool.

**TRTL (Endurance Test against Torch and Tool)**
TRTL is the standard to be endured for the specified time by burning off with gas burner and breaking with tools like hammer or drill. Test time is 60 min. for TRTL-60 and 15 min. for TRTL-15.

<GM-30b·GM-53b (TRTL-60)/ GX Series (TRTL-15)>

**TL (Endurance Test against Tool)**
TL is the standard to be endured for the specified time by breaking with tools like hammer or drill. Test time is 30 min. for TL-30 and 15 min. for TL-15.

<GX Series (TL-30)/ PS Series (TL-15)>

**TS (Endurance Test against Tool)**
TS is the standard to be endured for the specified time by breaking tools like bar or graver. Test time is 15 min. for TS-15.

<FM4, FM2, D Series>
FIRE-RESISTANCE PERFORMANCE

FIRE-RESISTANCE STANDARDS
(Authorized by JIS; Japanese Industrial Standards Committee)
- Standard Heating Test for Paper -

The test pieces (newspaper) are put inside the safe and the safe is heated in the furnace for necessary hours. (Temperature inside the furnace - 1-hour: MAX 927°C  2-hour: MAX 1010°C  3-hour: MAX 1052°C) The inside temperature of the safe should be kept under 177°C during the test. After heating, the test pieces are checked.
FIRE-RESISTANCE PERFORMANCE

FIRE-RESISTANCE STANDARDS
(Authorized by JIS; Japanese Industrial Standards Committee)
- Rapid Heating/ Impact Test for Paper -

Rapid heating and impact test is the test to confirm the strength of the safe in case of the fire accident at gas station or chemical factory which is supposed to rapid high-temperature.

Before putting the safe into the furnace, heat the furnace and keep at 1090°C. Then, put the safe into the furnace and heat it for 30 min. at 1090°C.

Additionally keep heating 30 min. for 3-hour fire-resistance safe
   15 min. for 2-hour fire-resistance safe
   0 min. for 1-hour fire-resistance safe,

and drop the safe from 9.1m height.

And then, start heating again 60 min. for 3-hour fire-resistance safe
   45 min. for 2-hour fire-resistance safe
   30 min. for 1-hour fire-resistance safe.

After the heating, wait until the safe cools down and check the damage of the body and test pieces (newspaper) in the safe.
### BURGLAR-RESISTANCE
**THE FEDERATION OF JAPAN SAFE FURNITURE COOPERATIVES**

<table>
<thead>
<tr>
<th>Mark</th>
<th>Time</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>TRTL-60</td>
<td>60 min.</td>
<td>Against torch and tool</td>
</tr>
<tr>
<td>TRTL-15</td>
<td>15 min.</td>
<td>Against torch and tool</td>
</tr>
<tr>
<td>TL-30</td>
<td>30 min.</td>
<td>Against tool</td>
</tr>
<tr>
<td>TL-15</td>
<td>15 min.</td>
<td>Against tool</td>
</tr>
<tr>
<td>TS-15</td>
<td>15 min.</td>
<td>Against tool</td>
</tr>
</tbody>
</table>

### FIRE-RESISTANCE for PAPER
**JIS : JAPANESE INDUSTRIAL STANDARDS**

- 3-hour fire-resistance
- 2-hour fire-resistance
- 1-hour fire-resistance
- Rapid heating/ Impact resistance

### FIRE-RESISTANCE for FLEXIBLE DISK CARTRIDGE
**JIS : JAPANESE INDUSTRIAL STANDARDS**

- FR·1T
- 1-hour fire-resistance
BURGLAR - RESISTIVE SAFE

GM Series:

**GM-30b**
- OUTSIDE: W720 X D793 X H1109 mm
- INSIDE: W399 X D396 X H614 mm
- NET WEIGHT: 1040 kg
- CAPACITY: 127 lit.
- LOCK: 2 X 4-WHEEL COMBINATION LOCK
- ACCESSORIES: 2 X ADJUSTABLE SHELF, 1 X DRAWER
- DRAWER INSIDE: W357 X D323 X H104 mm

**GM-53b**
- OUTSIDE: W814 X D858 X H1699 mm
- INSIDE: W493 X D461 X H1204 mm
- NET WEIGHT: 1795 kg
- CAPACITY: 322 lit.
- LOCK: 2 X 4-WHEEL COMBINATION LOCK
- ACCESSORIES: 3 X ADJUSTABLE SHELF, 1 X DRAWER

GX Series:

**GX-12b**
- OUTSIDE: W622.5 X D651 X H1165 mm
- INSIDE: W376 X D349 X H723 mm
- NET WEIGHT: 650 kg
- CAPACITY: 122 lit.
- LOCK: 2 X 4-WHEEL COMBINATION LOCK
- ACCESSORIES: 2 X ADJUSTABLE SHELF, 1 X DRAWER
- DRAWER INSIDE: W350 X D273 X H103 mm

**GX-28b**
- OUTSIDE: W758.5 X D756 X H1440 mm
- INSIDE: W512 X D454 X H995 mm
- NET WEIGHT: 1000 kg
- CAPACITY: 280 lit.
- LOCK: 2 X 4-WHEEL COMBINATION LOCK
- ACCESSORIES: 3 X ADJUSTABLE SHELF, 1 X DRAWER
- DRAWER INSIDE: W486 X D399 X H103 mm

TOP LEVELED SAFE IN JAPAN WITH KUMAHIRA ALLOY
TRTL-60 BY JAPAN SAFE FURNITURE
3-HOUR FIRE-RESISTANCE AND RAPID HEATING/IMPACT RESISTANCE BY JIS: PR·3TKS

TRTL-15, TL-30 BY JAPAN SAFE FURNITURE
2-HOUR FIRE-RESISTANCE AND RAPID HEATING/IMPACT RESISTANCE BY JIS: PR·2TKS
BURGLAR - RESISTIVE SAFE

TL-15 BY JAPAN SAFE FURNITURE
3-HOUR FIRE-RESISTANCE AND RAPID HEATING/IMPACT RESISTANCE BY JIS : PR-3TKS

PS Series - combination lock type -

**PS-06b**
OUTSIDE : W622.5 X D654 X H700 mm
INSIDE : W376 X D349 X H303 mm
NET WEIGHT : 325 kg
CAPACITY : 57 lit.
LOCK : 1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
ACCESSORIES :
1 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE : W359 X D276 X H63 mm

**PS-12b**
OUTSIDE : W622.5 X D654 X H1165 mm
INSIDE : W376 X D349 X H730 mm
NET WEIGHT : 495 kg
CAPACITY : 122 lit.
LOCK : 1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
ACCESSORIES :
2 X ADJUSTABLE SHELF
1 X DRAWER
DRAWER INSIDE : W359 X D276 X H101 mm

**PS-21b**
OUTSIDE : W758.5 X D759 X H1165 mm
INSIDE : W512 X D454 X H853 mm
NET WEIGHT : 650 kg
CAPACITY : 212 lit.
LOCK : 1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
2 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE : W495 X D403 X H101 mm

**PS-28b**
OUTSIDE : W758.5 X D759 X H1440 mm
INSIDE : W512 X D454 X H1128 mm
NET WEIGHT : 810 kg
CAPACITY : 280 lit.
LOCK : 1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
3 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE : W495 X D403 X H101 mm

**PS-36b**
OUTSIDE : W758.5 X D759 X H1790 mm
INSIDE : W512 X D454 X H1478 mm
NET WEIGHT : 965 kg
CAPACITY : 364 lit.
LOCK : 1 X 3-WHEEL COMBINATION LOCK
1 X CYLINDER LOCK
WITH RELOCKING DEVICE
ACCESSORIES :
4 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE : W495 X D403 X H101 mm
### BURGLAR - RESISTIVE SAFE

**3-HOUR FIRE-RESISTANCE**

**PS Series – key storage type –**

**CARD OPERATION TYPE**

**STANDARD TYPE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Outside Dim. (mm)</th>
<th>Inside Dim. (mm)</th>
<th>Net Weight (kg)</th>
<th>Capacity (lit.)</th>
<th>Others</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>W</td>
<td>D</td>
<td>H</td>
<td>W</td>
<td>D</td>
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<tr>
<td>PS-06Kcd</td>
<td>622.5</td>
<td>654</td>
<td></td>
<td>840</td>
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<tr>
<td>PS-12Kcd</td>
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<td></td>
<td>376</td>
<td>349</td>
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<tr>
<td>PS-06Kb</td>
<td>700</td>
<td></td>
<td></td>
<td>303</td>
<td>263</td>
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<td>PS-06Kb-O</td>
<td>1165</td>
<td></td>
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</tbody>
</table>

The control device takes records of the door opening/closing. The counter is the display the number of opening/closing.
BURGLAR - RESISTIVE SAFE

2-HOUR FIRE-RESISTANCE AND RAPID HEATING/IMPACT RESISTANCE BY JIS : PR-2TKS

DS Series - combination lock type -

**DS-12b**

OUTSIDE : W622.5 X D654 X H1530 mm
INSIDE    : W376 X D349 X H679 mm
NET WEIGHT : 605 kg
CAPACITY : 122 lit.
LOCK :  
1 X 3-WHEEL COMBINATION LOCK (DS-12b)  
1 X CYLINDER LOCK  
1 X CYLINDER LOCK FOR HEAD WITH RELOCKING DEVICE
ACCESSORIES :  
1 X ADJUSTABLE SHELF
CAPACITY :  
17 KUMAHIRA DEPOSITORY BAG (APPROXIMATELY)

**DS-21b**

OUTSIDE : W758.5 X D759 X H1530 mm
INSIDE    : W512 X D454 X H679 mm
NET WEIGHT : 780 kg
CAPACITY : 212 lit.
LOCK :  
1 X 3-WHEEL COMBINATION LOCK (DS-12b)  
1 X CYLINDER LOCK  
1 X CYLINDER LOCK FOR HEAD WITH RELOCKING DEVICE
ACCESSORIES :  
1 X ADJUSTABLE SHELF
CAPACITY :  
30 KUMAHIRA DEPOSITORY BAG (APPROXIMATELY)

AFTER THE BANK IS CLOSED, CAN KEEP MONEY SAFELY UNTIL NEXT WORKING DAY.

↓ DEPOSITORY BAG
FIRE - RESISTIVE SAFE

FM4 Series – combination lock type -

**FM4-16**
- OUTSIDE: W705.5 x D728 x H1151 mm
- INSIDE: W427 x D407 x H819 mm
- NET WEIGHT: 475 kg
- CAPACITY: 155 lit.
- LOCK: 1 X 3-WHEEL COMBINATION LOCK
  1 X CYLINDER LOCK
  WITH RELOCKING DEVICE
- ACCESSORIES: 2 X ADJUSTABLE SHELF
- OPTIONAL ITEM: 1 X DRAWER
- DRAWER INSIDE: W405 x D342 x H105 mm

**FM4-21**
- OUTSIDE: W705.5 x D728 x H1451 mm
- INSIDE: W427 x D407 x H1119 mm
- NET WEIGHT: 600 kg
- CAPACITY: 211 lit.
- LOCK: 1 X 3-WHEEL COMBINATION LOCK
  1 X CYLINDER LOCK
  WITH RELOCKING DEVICE
- ACCESSORIES: 2 X ADJUSTABLE SHELF
- OPTIONAL ITEM: 1 X DRAWER
- DRAWER INSIDE: W405 x D342 x H105 mm

TS-15 BY JAPAN SAFE FURNITURE
4-HOUR FIRE-RESISTANCE
EQUIVALENT TO 4-HOUR FIRE RESISTANCE AND
RAPID HEATING/ IMPACT RESISTANCE BY UL
FIRE - RESISTIVE SAFE

**FM2 Series - combination lock type -**

**FM2-06b**
OUTSIDE : W578 X D632 X H700 mm  
INSIDE : W376 X D348 X H333 mm  
NET WEIGHT : 195 kg  
CAPACITY : 61 lit.  
LOCK :  
1 X 3-WHEEL COMBINATION LOCK  
1 X CYLINDER LOCK  
WITH RELOCKING DEVICE  
ACCESSORIES :  
1 X ADJUSTABLE SHELF  
1 X DRAWER  
DRAWER INSIDE : W359 X D276 X H63 mm

**FM2-12b**
OUTSIDE : W578 X D632 X H1135 mm  
INSIDE : W376 X D348 X H730 mm  
NET WEIGHT : 290 kg  
CAPACITY : 122 lit.  
LOCK :  
1 X 3-WHEEL COMBINATION LOCK  
1 X CYLINDER LOCK  
WITH RELOCKING DEVICE  
ACCESSORIES :  
2 X ADJUSTABLE SHELF  
1 X DRAWER  
DRAWER INSIDE : W359 X D276 X H101 mm

**FM2-21b**
OUTSIDE : W714 X D738 X H1135 mm  
INSIDE : W512 X D454 X H853 mm  
NET WEIGHT : 370 kg  
CAPACITY : 212 lit.  
LOCK :  
1 X 3-WHEEL COMBINATION LOCK  
1 X CYLINDER LOCK  
WITH RELOCKING DEVICE  
ACCESSORIES :  
2 X ADJUSTABLE SHELF  
1 X DRAWER  
OPTIONAL ITEM : 1 X DRAWER  
DRAWER INSIDE : W495 X D403 X H101 mm

**FM2-28b**
OUTSIDE : W714 X D738 X H1410 mm  
INSIDE : W512 X D454 X H1128 mm  
NET WEIGHT : 450 kg  
CAPACITY : 280 lit.  
LOCK :  
1 X 3-WHEEL COMBINATION LOCK  
1 X CYLINDER LOCK  
WITH RELOCKING DEVICE  
ACCESSORIES :  
3 X ADJUSTABLE SHELF  
OPTIONAL ITEM : 1 X DRAWER  
DRAWER INSIDE : W495 X D403 X H101 mm
FIRE - RESISTIVE SAFE

FM2 Series – combination lock type -

FM2-36b
OUTSIDE : W714 X D738 X H1760 mm
INSIDE : W512 X D454 X H1478 mm
NET WEIGHT : 550 kg
CAPACITY : 364 lit.
LOCK : 1 X 3-WHEEL COMBINATION LOCK
       1 X CYLINDER LOCK
       WITH RELLOCKING DEVICE
ACCESSORIES : 4 X ADJUSTABLE SHELF
OPTIONAL ITEM : 1 X DRAWER
DRAWER INSIDE : W495 X D403 X H101 mm

FM2-72d
OUTSIDE : W1230 X D738 X H1760 mm
INSIDE : W1028 X D454 X H1478 mm
NET WEIGHT : 840 kg
CAPACITY : 723 lit.
LOCK : 1 X 3-WHEEL COMBINATION LOCK
       1 X CYLINDER LOCK
       WITH RELLOCKING DEVICE
ACCESSORIES : 4 X ADJUSTABLE SHELF

TS-15 BY JAPAN SAFE FURNITURE
2-HOUR FIRE-RESISTANCE AND RAPID HEATING/
IMPACT RESISTANCE BY JIS : PR 2TKS
FIRE - RESISTIVE SAFE

1-HOUR FIRE-RESISTANCE AND RAPID HEATING/IMPACT RESISTANCE BY JIS: PR-1TKS

FA Series/ FB Series

FB4-2Se/ FB4-2De
OUTSIDE : W530 X D778 X H830 mm
DRAWER INSIDE : W386 X D526 X H299 mm
NET WEIGHT : 190 kg
LOCK :
1 X 3-WHEEL COMBINATION LOCK (FB4-2De)
1 X CYLINDER LOCK
ACCESSORIES : 4 X PARTITION

FB4-4Se/ FB4-4De
OUTSIDE : W530 X D778 X H1574 mm
DRAWER INSIDE : W386 X D526 X H299 mm
NET WEIGHT : 325 kg
LOCK :
1 X 3-WHEEL COMBINATION LOCK (FB4-4De)
1 X CYLINDER LOCK
ACCESSORIES : 8 X PARTITION

FA4-2Se/ FA4-2De
OUTSIDE : W465 X D778 X H754 mm
DRAWER INSIDE : W321 X D526 X H261 mm
NET WEIGHT : 160 kg
LOCK :
1 X 3-WHEEL COMBINATION LOCK (FA4-2De)
1 X CYLINDER LOCK
ACCESSORIES : 4 X PARTITION

FA4-4Se/ FA4-4De
OUTSIDE : W465 X D778 X H1422 mm
DRAWER INSIDE : W321 X D526 X H261 mm
NET WEIGHT : 285 kg
LOCK :
1 X 3-WHEEL COMBINATION LOCK (FA4-4De)
1 X CYLINDER LOCK
ACCESSORIES : 8 X PARTITION

----- AUTO LOCKING SYSTEM ----- WHEN YOU LOCK THE TOP OF THE DRAWER, OTHER DRAWERS ARE AUTOMATICALLY LOCKED.
Data Cabinet

DCB-1
OUTSIDE : W375 X D328 X H355 mm
INSIDE : W250 X D185 X H230 mm
NET WEIGHT : 22 kg
CAPACITY : 10.6 lit.
LOCK :
1 X CYLINDER LOCK
CAPACITY :
3.5 INCH MICRO FLOPPY DISK : 140 PCS.
5 INCH MICRO FLOPPY DISK : 60 PCS.
3.5 INCH MAGNETIC OPTICAL DISK : 60 PCS.

INSIDE TEMPERATURE UNDER 50°C/ HUMIDITY UNDER 80%
1-HOUR FIRE-RESISTANCE
CONDITIONS : INSTALL INSIDE BURGLAR-RESISTIVE SAFE OR
FIRE-RESISTIVE SAFE (OF MORE THAN 2-HOUR RESISTANCE)

IF YOU HAVE A SAFE ALREADY,
YOU CAN KEEP FLOPPY DISK, MO,
ANYTHING WEAKEN AGAINST HEAT
WITHOUT BUYING A NEW DATA FILING SAFE.

1-HOUR FIRE-RESISTANCE
CONDITIONS : INSTALL INSIDE BURGLAR-RESISTIVE SAFE OR
FIRE-RESISTIVE SAFE (OF MORE THAN 2-HOUR RESISTANCE)

ABOVE PICTURE : PS-12b (EX.)
SPECIAL FIRE - RESISTIVE SAFE

D-14
OUTSIDE : W862 X D803 X H1096 mm
INSIDE   : W533 X D390 X H690 mm
NET WEIGHT : 570 kg
CAPACITY : 143 lit.
LOCK :
  1 X 3-WHEEL COMBINATION LOCK
  1 X CYLINDER LOCK
  WITH RELOCKING DEVICE
OPTIONAL ITEM :
  ADJUSTABLE SHELF
  PULL-OUT SHELF
  SHELF FOR MT TRAY

D-29
OUTSIDE : W862 X D803 X H1791 mm
INSIDE   : W533 X D390 X H1385 mm
NET WEIGHT : 830 kg
CAPACITY : 288 lit.
LOCK :
  1 X 3-WHEEL COMBINATION LOCK
  1 X CYLINDER LOCK
  WITH RELOCKING DEVICE
OPTIONAL ITEM :
  ADJUSTABLE SHELF
  PULL-OUT SHELF
  SHELF FOR MT TRAY

SUITABLE TO KEEP FLOPPY DISK, MO, JEWELRY, CAMERA, WATCH, ANYTHING WEAKEN AGAINST HEAT.
SPECIAL FIRE - RESISTIVE SAFE

CHOOSE SUITABLE TRAY FROM VARIOUS TYPES

Optional Items for D Series

- TRAY FOR 3.5 DISK (FOR MO / FD3.5 etc.)
- TRAY FOR CMT (HORIZONTAL TYPE)
- TRAY FOR CMT (VERTICAL TYPE)
- TRAY FOR 5 INCH DISK (FOR CD* / DVD* / FD5 etc.)
- TRAY FOR 5.25 INCH DISK (FOR M05.25 etc.)

* THE HEAT-RESISTANCE OF OPTICAL DISK IS UNDER 50°C.