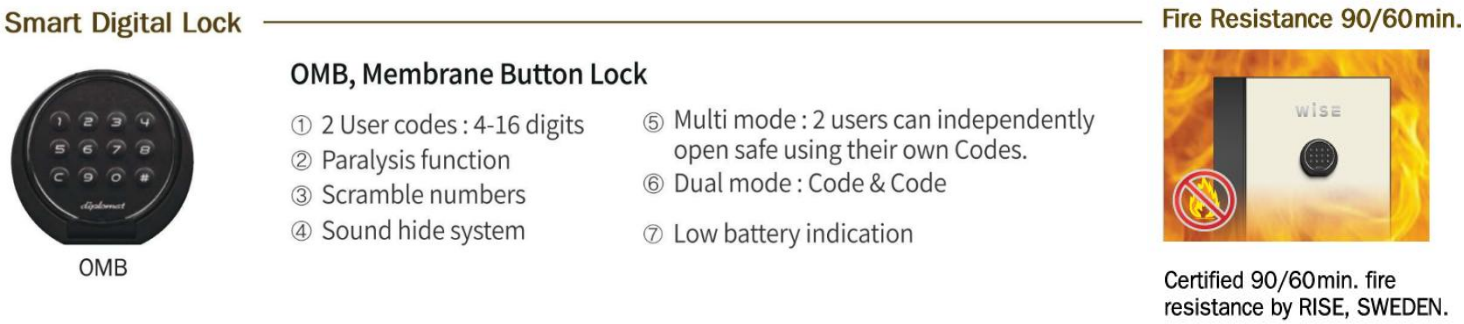
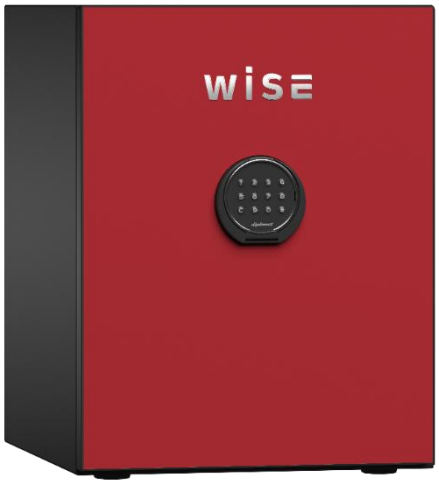
Technical Specifications of Diplomat Fire-Resistant Security Steel Safes

Diplomat Premium Fire-Resistant Security Safe

- Diplomat safes have passed fire-resistance tests conducted by internationally recognized testing institutes and have received multiple certifications. Manufacturing is carried out under the ISO 9001 Quality Management System to ensure consistent quality.
- **Fire-Resistant Security Safe – 90-Minute Fire Resistance (1.5 Hours):** Certified by the Swedish RISE testing institute.
- **RISE – 90-Minute Paper Fire-Resistance Test (1.5 Hours)**
  Certificate No.: 164902
- Single-Door Security Safe – Model: **WS 500**
- **Country of Origin:** South Korea
- **Fire Protection:** Designed to protect the safe's contents, including important documents, against fire.
- **High-Quality Steel Construction:** Manufactured from high-quality galvanized steel sheets using electro-galvanized steel panels. The safe features a durable, high-quality, rust-resistant protective coating that provides a smooth, glossy finish and helps prevent scratches and corrosion.
- **Fire-Resistant Insulation:** Equipped with Diplomat's proprietary STYRONITEF fire-resistant insulating material.
- **Locking System: Digital Combination Lock**
- **Smart Digital Lock:** Easy to use and operate.



- **Automatic Locking System:** The locking bolts are automatically engaged and disengaged when the safe is opened and closed.
- **Locking Bolts:** The safe is equipped with **two** strong, movable steel locking bolts on the door-opening side, in addition to **two** fixed locking bolts on the opposite side of the door.



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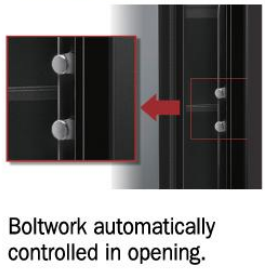
- **Sealed Door Structure:** The safe door is tightly sealed to prevent the ingress of smoke, heat, and water. The safe is also impact-resistant.
- The safe is equipped with one drawer.
- The safe is also equipped with one height-adjustable shelf.
- Four key hooks are fitted to the inside of the safe door for hanging important keys.
- **Color:** Black exterior body – RAL 9017, with five color options available for the safe's door front.



Testing and Certifications

The safe has successfully passed the following fire resistance and impact tests:

- **90-Minute** Fire Resistance Test in a furnace at a temperature of **1,000°C**.
- **Drop Test:** Tested by dropping the safe from a height of **9.1 meters**.
- **Impact Resistance Test** for the internal components.
- **Water Sprinkler Resistance Test**

Dimensions, Weight, and Storage Capacity (Liters):

Specification	WS 500
External Dimensions (H × W × D)	470 x 404 x 522 mm
Internal Dimensions (H × W × D)	410 x 300 x 300 mm
Net Weight	60 kg
Storage Capacity	36 L

- **Warranty**: Comprehensive warranty against manufacturing defects, effective from the date of delivery.

- **Maintenance & Spare Parts**: Specialized maintenance service center with spare parts readily available.

ISO 9001 Quality Assurance System ISO 9001 certified by CreBIZ	KS (Korea) Fire resistant mark KS first among Korean-made safes (1984)	SP (Sweden) RISE, Research Institutes of Sweden Fire Test approved