



*Non contractual photo*

**SERVICE :**

## REFERENCE : FONDERIE

This equipment allows students to discover the basic rules of the process and the vocabulary associated with casting, by making them practice gravity casting activities in sand and metal shell

### Technical specifications :

#### Proposed TP Themes :

- Characterize the functional surfaces of the links
- Draw definition drawings
- Discovery of the basic rules of the process and vocabulary associated with molding
- Establish rules for drawing a molded part

#### Composition of the briefcase 1 :

- A metal shell mold
- Two reversible model plates
- An inner core of synthetic sand
- RMI speed reducer 28

#### Composition of the briefcase 2 :

- A hotplate
- A container for melting the metal (134 ° C)
- Two chassis
- Two positioning pins, two casting runs
- Moulder tools (moulder, spatula), etc.
- A videotape on the foundry