

# Basic Detail Report

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## Clarinet, B-flat

### Date

1912 ca.

### Primary Maker

Charles Mahillon

### Description

4 sections: barrel, top joint, bottom joint, and bell. Darkwood body with nickel-silver ferrules and keywork. Ebonite bell. Van Perck system with 16 keys and 4 rings. Pre-Boehm simple system with Barret action (F/C, E-flat/B-flat side key articulated with rings) on top joint. Long tailed individual G-sharp key. Wrap-around-front register key. Side trill key for G-sharp/C. Late alternate Boehm system on bottom joint, in which lowest keys (low E/B, F-sharp/C-sharp, and F/C) are duplicated. Patent C-sharp mechanism.

### Dimensions

Overall length (from top of barrel to bottom of bell): 584mm Barrel: 64mm Top joint: 187mm Bottom joint: 225mm Bell: 108mm Bell diameter: 78mm Bore at top of top joint: 14.5mm Bore at bottom of top joint: 14.5mm Bore at bottom of bottom joint: 22mm (all length measurements exclude tenons)