

Sax, Charles Joseph, 7 key bassoon; SaxCJ2-O-BrusMIM2625no bell

Complete Project Title: SaxCJ2-O-BrusMIM2625no bell-Wg1-WOB-DNM

Charles Joseph Sax, Brussels/Paris (1790-1865)

Literature: Haine, Malou. *Adolphe Sax, sa vie, son œuvre,*

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Jansen, Will. *The Bassoon: Its History, Construction, Makers, Players and Music.* Frits Knuf, 1978 Vol. 1, p. 474.

Langeveld, Erik. *Tentoonstelling van fagotten, prenten, boeken, en manuscripten uit de collectie van Henk de Wit.* De Ijsbreker, Amsterdam, 1992, p. 29.

Larson, André Pierre. *A Catalog of Double Reed Instruments in the Arne B. Larson Collection of Musical Instruments.* Thesis, University of South Dakota, 1964.

Londeix, Jean-Marie. *Pour une histoire du saxophone et des saxophonistes, Livre 1 (1814 à 1899) Adolphe Sax.* Delatour France, 2017, pp. 13-20.

Pierre, Constant. *Les Facteurs D'Instruments de Musique: Les Luthiers et la Facture Instrumentale.* Paris, 1893.

Pontécoulant, Le Comte Adolphe. *Organographie: Essai sur la Facture Instrumentale.* Paris, 1861, Tome II, pp. 149, 150, 157, 211-215.

Rachor, David. "Les bassons de Charles-Joseph Sax". *Larigot 66*, Bulletin de l'Association des Collectionneurs d'Instruments à Vent, Octobre 2020.

Rice, Albert. *Four Centuries of Musical Instruments.* 2015, p. 200.

Waterhouse, William. *The New Langwill Index.* Tony Bingham, 1993.

Location: Musée des instruments de musique (MIM), Brussels, Belgium

Measured 23 May 2018, 18 Feb 2019, 2 Nov 2022, 14 Feb 2024

7 Key: Ab (on large bore), Eb left thumb, F#, 1 wing key

No; Swallowtail F key touch

No; Two-piece saddle on F key flap and touch

No; Two-hole boot joint system

No; Military bell

No; Bell flare

No; Bell crown

No; Bell chamber

No; Tone hole on bell

Yes; Table on long joint

No; Date; stamped "Facr du Roi"

- Notes:
1. All keys in brass saddles
 2. Ab, F# and Bb tone hole seats rounded as in modern basn.
[not flat as normal on period bassoons]
 3. Has a clamp on long joint, maybe for music lyre
 4. Thick bell, but mostly normal in dimensions
 5. A well-built, sturdy bassoon

Standing Height; Bell, long joint, boot, **without Bell** 98.2cm
SaxCJ1 & SaxCJ3 bell is 330mm

Wing and boot 92.3cm
[measured with boot cap removed]

Stamps: Boot, long joint [No Bell]

Measurements not included on Data file

Ab tone hole [on large side] 10.0mm diameter
368 from boot socket
15.0mm length
Drilled down toward bottom
and over toward large bore

Eb tone hole 9.2mm diameter
118mm from small long joint tenon
5.0mm length

F# tone hole 7.7mm diameter
290mm from boot socket
20mm length

Undercutting on long joint Yes in long joint

Boot joint small socket depth 50.5 mm
Boot joint large socket depth 47.5 mm

Cronin Meas. 338 mm

Wing thickness across E [II] tone hole 40.3mm
Maximum thickness of boot at C [IV] tone hole 49.3mm

Thread sizes: Screws; M2.5 x 0.45, and M3 x 0.50