

Küss, Wolfgang, 11 key bassoon; KüssW2-O-Leipzig1398

Complete Project Title: KüssW2-O-Leipzig1398-Wg1-WOB-DNM

Short Format; several bore measurements not taken

[Could not measure wing bore, because of small diameter of tenon repair]

Küss, Wolfgang (Sandau, Bohemia 1779 - Wien 1834) *fl.* Wien 1810-1839

Literature: Dullat, Günter. *Verzeichnis der Holz- und*

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Hopfner, Rudolf. *Wiener Musikinstrumentenmacher 1766-1900*.

Schneider, 1999, p. 289.

Jansen, Will. *The Bassoon: Its History, Construction, Makers, Players and Music*. Frits Knuf, 1978, Vol. I, pp. 421, 422.

Nagy, Michael. "Zum fagottbau in Wien", in *Bericht über die Vierte Internationale Fachtagung zur Erforschung der Blasmusik, Uster/Schweiz*. Tutzing: Hans Schneider. 1981, pp. 40-41.

Ottner, Helmut. *Der Wiener Instrumentenbau 1815-1833*.

Tutzing: Hans Schneider. 1977, pp. 87, 88.

Rice, Albert. *Four Centuries of Musical Instruments*. 2015, p. 182.

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

Werr, Sebastian. *Geschichte des Fagotts*. Wißner-Verlag, 2011, pp. 146, 147.

Young, Phillip. *4900 Historical Woodwind Instruments*.

Tony Bingham, 1993.

Young, Phillip. *Loan Exhibition of Historic Double Reed Instruments*.

August 1988, pp. 71, 72.

Location: Grassi Museum, Leipzig, Germany

Bassoon measured 24 Jan 2023

11 Keys: Ab (on large bore), 2 wing keys [lowest key opens highest vent hole],

Wing C# [second finger left hand]

F#, C# (both right thumb) Bb [right 3rd finger] on boot

low Eb [left thumb], [KüssW1-Sigal, low Eb for left little finger]

No; Swallowtail F key touch

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

Yes; Two-hole boot joint system

No; Military bell

Yes; a slight Bell flare

No; Bell crown, end of bell missing

No; Bell chamber

No; Tone hole on bell

Yes; Platform on long joint

Dated; No

Notes: 1. Made from maple

2. The shafts of the Keys in channels with pins, and the channel are

lined with brass [sides and bottom]

3. Bell ring missing
4. On the wing, **lowest key opens highest vent hole**
5. It appears that a tuning slide has been removed
6. There is a white insert in the low D tone hole [closed by left thumb]
7. A tone hole on boot rotted out
8. No rounded tone hole surfaces
9. Wing was probably shortened
10. Wing joint tenon has been replaced, with plug too small in diameter
11. A well-played bassoon, very dirty and not well cared for

Standing Height; Bell, long joint, boot	127.0cm
[measured with boot cap off] Bell missing but 127.0cm is accurate	
Wing and boot	87.9cm

Stamps on boot and long joint [not found on wing or bell]

Measurements not included on Data file

Ab tone hole	9.5mm diameter
[Large bore of boot]	375mm from boot joint socket
	16.0mm length
F# tone hole	Could not remove key, pin seized
[Large bore of boot]	
C# tone hole	8.0mm diameter.
[Small bore of boot]	46mm from top of small boot bore
	24.5mm length
	Drilled over to small bore side
Bb tone hole on Boot	Could not remove key, pin seized
Low Eb tone hole	8.4mm diameter.
[left thumb]	149mm from small long joint tenon vrfd
	8.3mm length
Undercutting on long joint	Yes, in long joint, but not as much as some other bassoons
Boot joint small socket depth	38.3mm Both sockets in bad shape, rotted
Boot joint large socket depth	42.3mm
Cronin Measurement	321mm
Wing thickness across E [II] tone hole	40.3mm vrfd short