

Küss, Wolfgang, 10 key bassoon; KüssW1-O-Sigal1995.09

Complete Project Title: KüssW1-O-Sigal1995.09-Wg1-WOB-DNM

Short Format; several bore measurements not taken

[Could not measure entire bore small bore, Ab insert extends into bore]

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

c.1825, Accession number 1995.09

Literature: Dullat, Günter. *Verzeichnis der Holz- und Metallblasinstrumentenmacher auf Deutschsprachigem Gebiet von 1500 bis Mitte des 20. Jahrhunderts*, Scheider, 2010.

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: Sigal Music Museum, Greenville, South Carolina, USA

Formally in the Sigal Collection, Boston, USA

Bassoon measured 4 Nov 2022

10 Keys: Ab (on small bore), 2 wing keys [lowest key opens highest vent hole],
F#, C# on boot (right thumb),

Bb on boot for right 3rd finger, Eb (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

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. On the wing, **lowest key opens highest vent hole**
 4. The two wing keys in normal saddles
 5. It appears that a tuning slide has been removed,
or the top 15cm of the wing has been replaced
 6. There is a brass insert in the Ab tone hole on small boot bore
 7. There is a white insert in the low D tone hole [closed by left thumb]
 8. No rounded tone hole surfaces

Standing Height; Bell, long joint, boot 127.8cm
[measured with boot cap off]

Wing and boot 89.7cm

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

Measurements not included on Data file

Ab tone hole	6mm diameter
[Small bore of boot]	369mm from boot joint socket
	19.0mm length, vrfd very long
	A brass insert extends c.half the diameter of the bore
 F# tone hole	 7.5mm diameter
[Large bore of boot]	262mm from boot socket
	18.0mm length
	Drilled over toward large boot bore
 C# tone hole	 6.5mm diameter.
[Small bore of boot]	51mm from top of small boot bore
	25.5 length
	Drilled downward angle toward small bore side
 Bb tone hole on Boot	 Could not remove key
 Low Eb tone hole	 8.2mm diameter.
	106mm from small long joint tenon
	6.8mm length
 Undercutting on long joint	 Yes, in long joint, but not as much as some other bassoons
 Boot joint small socket depth	 39.2mm
Boot joint large socket depth	43.6mm
 Cronin Measurement	 328mm

Wing thickness across E [II] tone hole

46.1mm vrfd long