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Title

Maximum Mixtures

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Author

Lee, Sunghyun

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MAXIMUM MIXTURES

FOR FLUTE, CLARINET, VIOLIN AND VIOLONCELLO

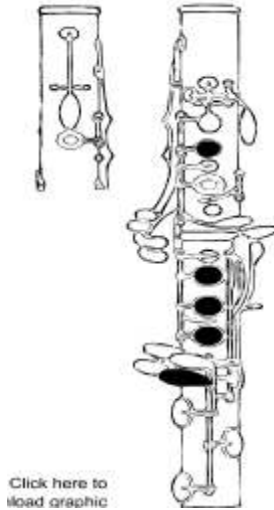
SUNGHYUN LEE
(2016, REV. 2020)

FULL SCORE

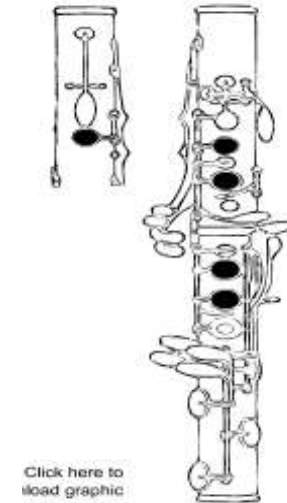
TOTAL DURATION : APPROX. 9 MIN.

The score is notated in actual pitch.

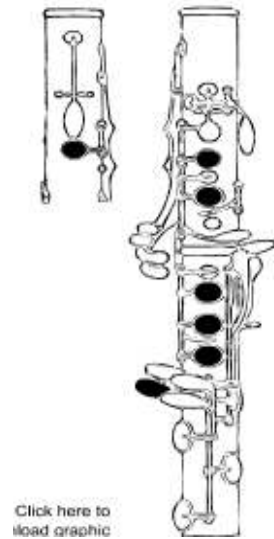
Clarinet Multiphonic 01



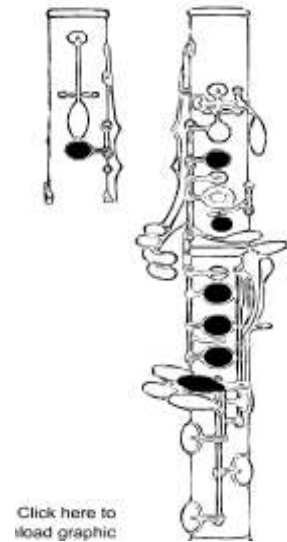
Clarinet Multiphonic 03



Clarinet Multiphonic 02



Clarinet Multiphonic 04



MAXIMUM MIXTURES

FOR FLUTE, CLARINET, VIOLIN AND VIOLONCELLO

(2016 / REV. 2020)

SUNGHYUN LEE (B.1995)

Lively ♩ = c.144

Musical score for the first system, featuring Flute, Clarinet (B♭), Violin, and Cello. The score is in 4/4 time and begins with a tempo marking of 'Lively ♩ = c.144'. The Flute part starts with a *ppp* dynamic and includes a *pp* dynamic later. The Clarinet part starts with a *pp* dynamic. The Violin part includes a *pizz.** marking and a *p* dynamic. The Cello part is mostly silent, with a final double bar line.

Musical score for the second system, featuring Flute (Fl.), Clarinet (Cl.), Violin (Vn.), and Cello (Vc.). The system is marked with a box 'A' and includes the instruction '(with ridiculous expression)'. The Flute part starts with a *mp* dynamic and includes a *mf* dynamic, a *f* dynamic, and another *mp* dynamic. The Clarinet part starts with a *mp* dynamic and includes a *mf* dynamic and a *f* dynamic. The Violin part starts with a *mp* dynamic. The Cello part starts with a *pizz.** marking and a *mp* dynamic. The system concludes with a double bar line.

*) Do not use open strings.
Play dry and light pizzicatos.

13

Fl. *f* *mp* *mf* *sfz* *f*

Cl. (Actual pitch) *mp* *mf* *f* *mp* *mf*

Vn. *(sempre mp)*

Vc. *(sempre mp)*

19

Fl. *mp* *mf* *sfz* *f* *sfz* *mf* *sfz* *mf*

Cl. (Actual pitch) *f* *mp* *mf* *sfz* *f*

Vn. *f* *mp* *f*

Vc. *f* *mp* *f*

arco *pizz.* *arco* *pizz.* *arco*

B

Fl. (Actual pitch) 25 *mp* *mf* *mp* *ff*

Cl. (Actual pitch) *mp* *mf* *mp* *mf* *ff*

Vn. *pizz.* *mp* *f* *mp* *f* *mp* *f* *mp* *f*

Vc. *pizz.* *mp* *f* *mp* *f* *mp* *f* *mp* *f*

Measures 25-34. Flute and Clarinet parts feature melodic lines with triplets and dynamic markings from *mp* to *ff*. Violin and Viola parts are primarily pizzicato with dynamic markings from *mp* to *f*. The time signature changes from 4/4 to 6/4 at measure 31.

Fl. (Actual pitch) *f* *f* *f* *mp* *sfz* *f*

Cl. (Actual pitch) *mp* *f* *mp* *f* *mp* *f* *f*

Vn. *arco* *pizz.* *arco* *pizz.* *arco* *pizz.* *arco* *sul E* *sfz* *sf* *fff* *f*

Vc. *sfz* *mp* *sfz* *mp* *sfz* *mp* *sfz* *mp* *sfz* *mf*

Measures 29-34. Flute and Clarinet parts feature melodic lines with dynamic markings from *f* to *fff*. Violin and Viola parts alternate between *arco* and *pizz.* with dynamic markings from *mp* to *fff*. The time signature is 6/4. A section marker 'C' is present at the beginning of the system.

33

Fl. *f* *mf* *f* *sffz* *sffz* *sffz* *ff*

Cl. (Actual pitch) *f* *mp* *f* *sffz* *sffz* *sffz* *ff*

Vn. *sffz* *f* *pizz.* *arco* *mp* *f cresc.* *pizz.*

Vc. *sfz* *mp* *sfz* *mf* *arco* *pizz.* *mp* *f cresc.* *arco* *ff*

D

37

Fl. *sfp* *scherzando* *sfp* *sfp* *mf* *f*

Cl. (Actual pitch) *cantabile* *mp* *mf* *f*

Vn. *(sempre pizz.)* *subito p* *f* *arco* *f*

Vc. *pizz.* *subito p* *sf* *p* *arco* *sf* *p* *mf* *f*

Fl. *mp* *mp* *mp* *f* *ff* *piu ff*

Cl. (Actual pitch) *mf* *f* *ff* *piu ff*

Vn. *pizz.* *mp* *piu f* *ff* *subito p* *piu ff*

Vc. *p* *sfz* *p* *sfz* *p* *f* *ff* *piu ff*

*) S.P. = SUL PONT. / S.T. = SUL TASTO

Come prima

Fl. *mp*

Cl. (Actual pitch) *mp*

Vn. *pizz.* *arco* *f* *f*

Vc. *pizz.* *arco* *f* *ppp* *f*

**) "Aeolian tone" / Half breath noise, Half normal tone.

54

Fl. *f* *mf*

Cl. (Actual pitch) *mf*

54

Vn. *pp* *f* *pp* *f*

Vc. *ppp* *f* *pp* *f*

ord. s.p. ord. s.p. ord. s.p. ord. s.p. ord. s.p.



Agitated

60

Fl. *f* *mf*

Cl. (Actual pitch) *mf* *f*

60

Vn. *p* *f* *piu f* *poco a poco cresc.*

Vc. *p* *f* *piu f* *poco a poco cresc.*

ord. s.p. ord. s.p. ord. s.p. ord. s.p.

Fl. *ff* *poco a poco cresc.* *fff* 5

Cl. (Actual pitch) *ff* *sffz poco a poco cresc.* *sffz* *sfffz* *fff* 6

Vn. *ff* *subito p poco a poco cresc.* *gliss.(!)* *fff* 3

Vc. *ff* *subito p poco a poco cresc.* *gliss.(!)* *fff*

*) Slap tonguing. Violent and percussive noises are required.

G

Much slower than before, luminous! ♩=c.80

Fl. *sfffz* *bisbigliando **)* *p* *jet whistle ****)* *sfffz*

Cl. (Actual pitch) *sfffz* *only breath noise ***)* *flatt.* *fff* *ad lib.* 7

Vn. *sfffz* *subito p poco a poco cresc.* *molto s.p.* *ord.* *sul E,A...* *sul A,D...*

Vc. *sfffz* *pizz.* *arco* *subito p poco a poco cresc.* *molto s.p.* *ord.* *sul A,D...* *sul D,G...*

*) Step the floor, very violently and loudly. **) Tremolo between two different fingerings of the same pitch. ***) ONLY breath noise, combined with flattertongue and fingering noise (trilling sound).

****) Very loud, glissando-like sound produced by blowing a fast, high-pressure air stream through the flute.

H

With nervous feeling

tone with breath noise

FL. *f* 3 3 3 *ppp da lontano poco a poco cresc.*

Cl. (Actual pitch) *ff* *p* *ppp da lontano poco a poco cresc.*

Vn. *piu ff* *s.p.* *molto s.p.* *subito p* *ff* *ppp*

Vc. *p* *ff* *ppp*

I

J

A tempo, with dance-like movements $\text{♩} = c.152$

FL. *f* *piu f* *ff* *jet whistle* *ff*

Cl. (Actual pitch) *ff*

Vn. *pizz.* *f* *molto sul tasto arco* *mp rapido*

Vc. *pizz.* *f* *molto sul tasto arco* *mp rapido*

84

Fl.

Cl. (Actual pitch)

Vn.

Vc.

mp

f *ff*

f *ff* *mp*

gliss.(!)

gliss.(!)

Much breath noise as possible.
Please keep the loud dynamic as possible.

90

Fl.

Cl. (Actual pitch)

Vn.

Vc.

f *ff* *mp*

f *ff* *mp*

f *ff* *mp*

gliss.(!)

gliss.(!)

gliss.(!)

gliss.(!)

sempre tenuto

sempre tenuto

96

Fl. *f* *ff* *mp* *ff* *fff*

Cl. (Actual pitch) *f* *ff* *ff* *fff* *mp* *mf*

Vn. *mf* *sul tasto*

Vc. *mf* *sul tasto*

K

flatt. gliss.(!) gliss.(!) flatt. gliss.(!)

102

Fl. *ff* *mp* *ff* *fff*

Cl. (Actual pitch) *ff* *ff* *fff* *mp*

Vn. *(stacc. accent!)*

Vc. *(stacc. accent!)*

flatt. gliss.(!) gliss.(!) flatt. gliss.(!)

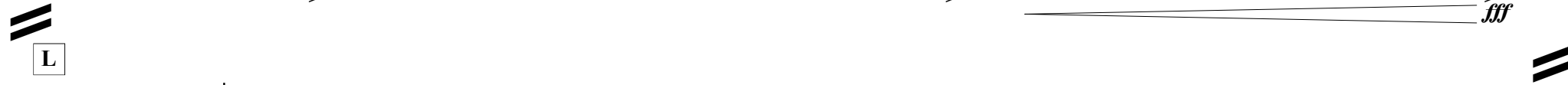
108

Fl. *gliss.(!)* *flatt.* *ff* *fff* *f* *fff* *gliss.(!)* *flatt.* *fff* *accel.* *fff*

Cl. (Actual pitch) *gliss.(!)* *flatt.* *ff* *fff* *fff* *fff*

Vn. *fff*

Vc. *fff*



Faster than before ♩ = c.168

114

Fl. *mp*

Cl. (Actual pitch) *mp*

Vn. *subito p*
molto sul pont.
molto staccato

Vc. *p very metallic!*

120

Fl.

Cl. (Actual pitch)

Vn.

Vc.

126

Fl.

Cl. (Actual pitch)

Vn.

Vc.

mf

mf

mp

molto sul pont.
molto staccato

very metallic!
arco
Gettato

sempre gett.

sfz

sfz

sfz

sfz

sfz sempre

sfz

sfz

sfz

brutale!!

132

Fl.

Cl. (Actual pitch)

Vn.

Vc.

M tone with breath noise

138

Fl.

Cl. (Actual pitch)

Vn.

Vc.

144

Fl. *piu f* *mp* *ff*

Cl. (Actual pitch) *piu f* *f* *ff*

Vn. *piu f* *f* *ff*

Vc. *piu f* *mp* *ff*

N

With humor

150

Fl. *sffz* *p* *sfz* *sffz* *p* *sfz* *sfz* *sffz*

Cl. (Actual pitch) *sffz* *p* *sfz* *sffz* *p* *sfz* *sfz* *sffz*

Vn. *sffz f* *p* *sffz* *sffz f* *p* *sfz* *sfz* *sffz f*

Vc. *sffz* *fppp* *sfz* *sffz* *pizz.* *arco* *fppp* *sfz* *sfz* *sffz* *pizz.*

155

Fl. *pp* — *sfz* *sfz* *sfz* *p* *f* *p* *p* *f* *p* *p* *f* *p*

Cl. (Actual pitch) *pp* — *sfz* *sfz* *sfz* *p* *f* *p* *p* *f* *p* *p* *f* *p*

Vn. *pp* — *sfz* *sfz* *sfz* *f* *f* *f*

Vc. *fppp* — *sfz* *sfz* *sfz* *f* *p* *f* *p* *f* *p*

arco *pizz.* *arco* *gett.* *gett.*

accel.

159

Fl. *mp* — *ff* — *mp* *f poco a poco cresc.* *5* *5* *5* *5* *5*

Cl. (Actual pitch) *mp* — *ff* — *mp* *f poco a poco cresc.* *5* *5* *5* *5* *5*

Vn. *f* *sul tasto* *sul pont.* *(overpressure)* *molto sul pont.* *subito p poco a poco cresc.*

Vc. *f* *ord.* *molto sul pont.* *p poco a poco cresc.*

*) Bisbigliando ad lib. Shaky and vibrant!

O *a tempo*

FL. *fff* *con fuoco* *poco a poco diminuendo*

Cl. (Actual pitch) *fff* *con fuoco* *gliss. ad lib.* *poco a poco diminuendo* *p*

Vn. *fff* *con fuoco* *gliss. ad lib.* *s.p.* *poco a poco dim.* *sul D,A* *sul G,D*

Vc. *fff* *con fuoco* *poco a poco dim.*

P

Nervous and shaky

FL. *ppp* *f*

Cl. (Actual pitch) *ppp* *f* **MULTIPHONIC 01**

Vn. *p* *ord.* *sul tasto* *ppp*

Vc. *sul C,G* *sul C ord.* *sul tasto* *ppp*

Fl. *pppp* *f* *ppp* *ff* *pp* *ffff*

Cl. (Actual pitch) **MULTIPHONIC 02** *pppp* *f* **MULTIPHONIC 03** *ppp* *ff* **MULTIPHONIC 04** *pp* *ffff*

Vn. *f* *pp* *f* *ppp* *ffff*

Vc. *f* *pp* *f* *ppp* *ffff*

s.p. *ord.* *s.p.* **(!!TRILL(L.H.)+TREMOLLO(R.H.)!!)** *sul fasto* *molto s.p.*

Slightly faster with energy

Fl. *flatt.* *ffff* *f* *ffff* *pppp*

Cl. (Actual pitch) *ffff* *p* *f* *mp*

PLAY BEHIND THE BRIDGE

Vn. *pppp*

Vc. *****) as dense as possible!** *arco* (take the bow) *sul pont.* *puncta d'arco* *ord.* *pp*

ffff *p* *mp* *pp*

*) Key click noises + Only breath noises(without pitch!) with fluttertonguing.
) **For V.c. : Slaping noises (L.H., Slap the four strings on the fingerboard) + Col legno noises(R.H. Col legno battuto, random pitches) Alternate hands as dense as possible. Pitches are indefinite, very violent and noisy effects required.

R

scherzando

FL. 180

Cl. (Actual pitch)

Vn. 180

Vc. 180

mf

p

arco ord.

molto vibr.

sul pont.

ord.

sfz

sul pont.

FL. 185

Cl. (Actual pitch)

Vn. 185

Vc. 185

mf

mf

mf

f

flatt.

sfz

mp cresc.

mf

f

p

molto vibr.

sfz

pizz.

fff

ord.

sul pont.

ord.

sul pont.

mp

f

S

Springy

Fl. *piu f*

Cl. (Actual pitch) *piu f*

Vn. *mp* *puncta d'arco arco sul pont.* *molto s.p.* *sul pont.* *molto s.p.* *(sempre ad lib.)*

Vc. *ord. al tallone* *piu f*

Fl. *piu f*

Cl. (Actual pitch) *piu f*

Vn. *mp*

Vc. *ord. al tallone* *piu f*

200

Fl. *ff* *fff*

Cl. (Actual pitch) *fff* *flatt.*

Vn. *ff*

Vc. *fff*

T ♩ = c.108

Fl. *p* *f* *sfz* *p* *f*

Cl. (Actual pitch) *ff* *sfz* *ff*

Vn. *sfz p* *espress. cantabile* *f* *Gettato* *f* *p*

Vc. *sfz* *p non cresc.* *sul A gliss. sul pont.* *sul C (sempre gliss.)*

209

Fl. *sfz* *p* *ff*

Cl. (Actual pitch) *sfz* *ff*

Vn. *sf* *ppp* *mf* *ord.*

Vc. *su G molto sul pont.* *poco a poco cresc.*

sul tasto

213

Fl. *flatt.* *p* *fff*

Cl. (Actual pitch) *flatt.* *p* *fff*

Vn. *f* *gliss.* *fff* *3*

Vc. *mp* *mf* *f* *gliss.* *fffz* *subito p* *pizz.*

(highest pitch possible)

U *Slightly slower* *Lively ♩ = c.144*

217

Fl.

Cl. (Actual pitch)

Vn.

Vc.

pizz.

p

== accel. ==

223

Fl.

Cl. (Actual pitch)

Vn.

Vc.

f

mp

f

ff

f

mp

f

fff

fff

arco sul pont.

(overpressure)

V **Faster than before** ♩ = c.168
With dynamic expression

Fl. *p poco a poco crescendo* *ff*

Cl. (Actual pitch) *p poco a poco crescendo* *ff*

Vn. 228 *molto sul pont.* *ppp poco a poco crescendo* *sf* *ff*

Vc. *arco* *p poco a poco crescendo* *ff*

accel.

Fl. 233 *ppp poco a poco crescendo* *f* *ff*

Cl. (Actual pitch) *ppp poco a poco crescendo* *f* *ff*

Vn. 233 *ord.* *ppp poco a poco crescendo* *f* *ff*

Vc. *sul pont.* *ppp poco a poco crescendo* *f*

W *a tempo*

Fl. *pp* *f* *pp* *f* *pp* *ff*

Cl. (Actual pitch) *pp* *f* *pp* *f* *pp* *ff*

Vn. *sul pont.* *ord.* *sul pont.* *ord.* *sul pont.* *ord.*
subito p *pp* *f* *p* *pp* *f* *p* *pp* *ff*

Vc. *ff* *subito p*

X

Fl. *f* *ff* *fff* (Ossia : Highest pitches possible)

Cl. (Actual pitch) *f* *ff* *fff*

Vn. *f* *ff* *fff*

Vc. *ff* *ord.* *ff* *fff*

Y Tear off! ♩=80

Highest possible pitches

Fl. *fff* jet whistle

Cl. (Actual pitch) *fff* slap tongue

Vn. *fff* pizz.

Vc. *fff* pizz.

Highest possible pitches

Z Veloce ♩=160

Fl. *pp* (In this passage, individual pitches are not important. Make fast and sweeping gestures!) Don't move

Cl. (Actual pitch) *pp* (In this passage, individual pitches are not important. Make fast and sweeping gestures!) *pppp* Don't move

Vn. *pp* (In this passage, individual pitches are not important. Make fast and sweeping gestures!) *pppp* non cresc. half harmonics

Vc. *pp* (In this passage, individual pitches are not important. Make fast and sweeping gestures!) *pppp* Don't move half harmonics

ord. Non vibrato!

AA

Lively ♩ = c.160

Fl. *pppp non cresc.* *f* *ppp possibile*

Cl. (Actual pitch) *f* *ppp*

Vn. *ff* *pizz.* *arco* *ffz* *f* *ppp*

Vc. *ffz* *sul A pizz.* *sul G (sempre pizz.)* *ffz*

Gettato

BB

♩ = c.80

Fl. *pppp possibile* *pppp* *fp* *f* l.v.

Cl. (Actual pitch) *pppp* *pppp* *ffz* *fp* *f* l.v.

Vn. *pppp* *arco ord.* *pppp* *f* l.v.

Vc. *ffz* *ffz* *sul C* *sul G arco s.p.* *pppp* *f* l.v.

slap tongue