

# Positions and Chromatics

| E      | F      | F#      | G       | Ab     | A      | Bb     | B    | C      | C#   | D    | Eb |
|--------|--------|---------|---------|--------|--------|--------|------|--------|------|------|----|
|        |        |         |         |        |        |        |      |        |      |      |    |
|        |        |         |         |        |        |        |      |        |      |      |    |
| 2(5,7) | 1(4,6) | #3(5,7) | #2(4,6) | 3(5,7) | 2(4,6) | 1(3,5) | 2(4) | 1(3,6) | 2(5) | 1(4) | 3  |

1. Play the "E" chromatic scale up and down from low E to middle E in sixteenths accenting the down beat.
2. Play from low F to middle F as above, then F# to F#, G to G, etc.
3. Continue as high as you comfortably can.
4. Try putting all notes contained in a beat into the same harmonic series. The middle F chromatic scale would then be played as follows:

|    |    |    |    |    |    |   |    |    |    |    |    |          |            |
|----|----|----|----|----|----|---|----|----|----|----|----|----------|------------|
| >  |    | >  |    | >  |    |   |    |    |    |    |    |          |            |
| F  | F# | G  | Ab | A  | Bb | B | C  | C# | D  | Eb | E  |          |            |
| (6 | 5  | 4  | 3) | (6 | 5  | 4 | 3) | (5 | 4  | 3  | 2) | going up |            |
| >  |    | >  |    | >  |    |   |    |    |    |    | >  |          |            |
| F  | E  | Eb | D  | C# | C  | B | Bb | A  | Ab | G  | F# | F        |            |
| (1 | 2  | 3  | 4) | (2 | 3  | 4 | 5) | (2 | 3  | 4  | 5) | 6        | going down |

All the trombonist needs to focus on, then, is making sure that the accented notes are in the designated position. It is suggested to use a double or doodle tongue for maximum speed. Following are some of the chromatic scales that can be played utilizing this technique.

| Low C   | Low Db  | Middle E | Middle F | Middle F# | Middle G | Middle Bb |
|---------|---------|----------|----------|-----------|----------|-----------|
| 6,7,7   | 5,6,6   | 7,7,6    | 6,6,5    | 5,5,4     | 4,4,6    | 5,4,5     |
| 3,3,2,6 | 2,2,1,5 | 2,3,3,7  | 1,2,2,6  | #3,1,1,5  | #2,3,4,4 | 1,#3,1,5  |