

Vertu™ TOUCH Procedure

Consumable kit reorder number: 176004974A

- Use strips at room temperature 20–25 °C (68–77 °F).
- Bring the strip to room temperature if necessary.
- Do not open the strip pouch until ready to use the strip.

1

To calibrate the Vertu TOUCH reader:

- ▶ Scan the Fumo-V (A), corn, barcode for lot of strips being used.

[Barcode remains stored in Vertu TOUCH reader for future use.]



5

While strip test develops, enter the sample ID into Vertu TOUCH reader.

- ▶ Fully insert the Fumo-V strip into the Vertu TOUCH (the round opening in first)
- ▶ Press [Start Measurement] key on touch screen to read result.



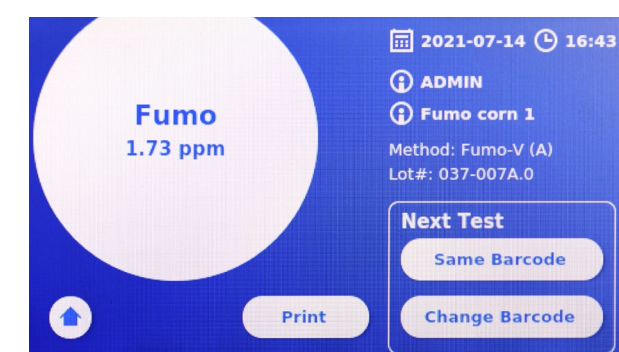
2

- ▶ Weigh 5 g $\pm$ 0.1 g finely ground sample Vertu PREP tube.
- ▶ Add 25 mL of AQUA Premix to Vertu PREP tube.
- ▶ Close the lid, and shake briefly to suspend all sample into liquid.



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- ▶ Press [Print] to print the result.
- ▶ Press [Same Barcode] to run the next test using the same lot of strips.
- ▶ Press [Change Barcode] to change the method or lot of strips being used.



3

- ▶ Set Vertu PREP mixer timer for 30 seconds. Push down and twist to lock in place; the mixer will start and stop automatically.
- ▶ Pour the extract into a V-Filter with cup for no more than 5 minutes.



7

If display shows **>20 ppm**,

- ▶ Pipette 400 μ L of AQUA premix and 100 μ L of filtered extract into a strip test vial.
- ▶ Close the top and mix by shaking 3 times.
- ▶ Repeat steps 4 & 5 and multiply the displayed result by 5 for final concentration.



4

- ▶ Transfer 100 μ L of diluted extract to the Fumo-V strip by dropping (~1 drop/second) vertically into the sample well.
- ▶ Start the timer and allow the strip to develop for exactly 5 minutes on a flat surface.



Strips should be stored at 2–30 °C (36–86 °F).
Store AQUA Premix at room temperature.

Limit of Detection: 0.2 ppm

Range: 0–20 ppm (1st strip), 20–100 ppm (2nd strip with dilution)



Scan barcode to download the Strip Test Reference Guide
For additional information, please visit vicam.com/docs/vertu-strip-test-reference-guide



Orders:
Tel: +1-877.228.4244
+1-417.725.6588
Email: orders@vicam.com

Technical Support:
Tel: +1.800.338.4381
+1.508.482.4935
Email: techservice@vicam.com

Waters™ | VICAM™

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715007434 Rev A IH

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