honeybu







Let it flow

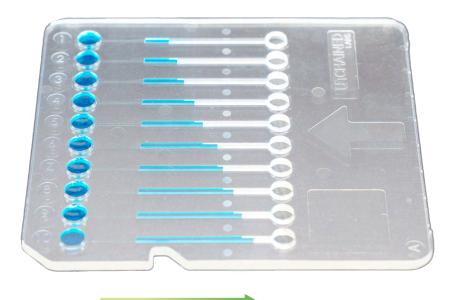
Honeybun is the only rapid viscosity system that pours out data as fast as you can handle it. Whether you've got one sample or ten, Honeybun sips microliters of each sample through a microfluidic channel to get a read on viscosities from 0.5 – 150 cP in minutes – with zero sample prep or clean-up. Ditch old school, one-at-a-time techniques that use too much sample and level up to the quickest, low-volume viscosity measurements out there.

10 at time
40 µL per sample
3 minute runs (≤10 cP)
3 minutes to setup



Grab your bun

Load 40 µL of up to 10 samples into a Bun consumable, insert and hit go – nothing to it. Honeybun then applies pressure to push the samples through the Bun's microfluidic channels. While you watch them flow on live video, the software tracks how fast samples move through each channel to get you their viscosity. Gone are the days of filling syringes or cleaning expensive chips that are prone to clogging – these Buns are disposable.



Sample Flow

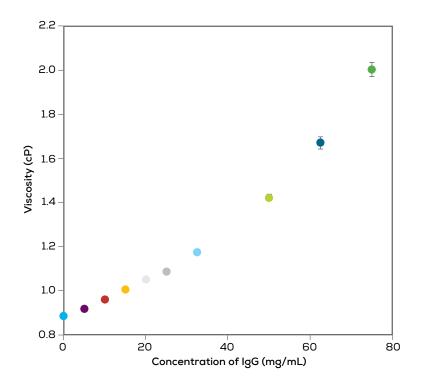
Short and sweet

Fill in all the details about your samples if that's your jam or take the fast track – Honeybun's software will auto-fill everything so you can just start your run. Three clicks gets you through experimental setup and right to collecting data.

	Honeybun	Experim	ent		admin 👤
xperime	ent name				
	Experiment				
emperat					
	arget temperature (°C) 20.0	Current temp	erature (°C) -		Consta la site a
amples	& Settings				Sample loading
			Default	*	
	Sample name		Mode		Default mode:
1	Sample_1		Default	~	Pipette 40 µL of sample into the inlet reservoir. Ensure that the
2	Sample_2		Default	*	bottom surface of the reservoir is coated with fluid and that no air
3	Sample_3		Default	*	gaps are present.
4	Sample_4		Default	*	
5	Sample_5		Default	-	
6	Sample_6		Default	*	
7	Sample_7		Default	-	
8	Sample_8		Default	-	
9	Sample_9		Default	-	
10	Sample_10		Default	v	
		PORT 🗲	EXPORT	Please load yo	our Bun in the START 🖋

Satisfy your craving

When you roll with Honeybun, you'll finally be stuffed full of all the sweet viscosity data that you need. Honeybun's speed and throughput make it easier than ever to gather viscosity any time you make a change in your protein, concentration or formulation.

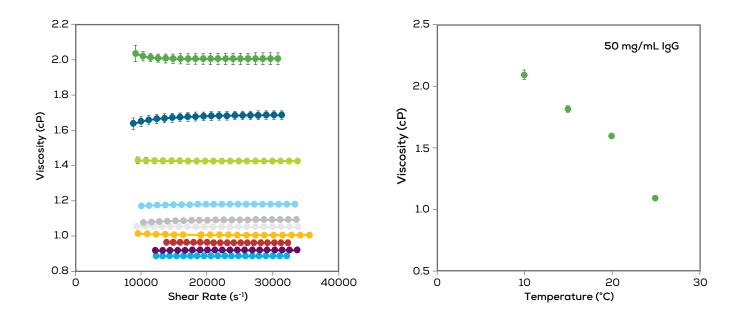


Know your flow

Every experiment includes a sweep of shear rates in each channel so you can compare how each and every sample is flowing – Newtonian or not.

Tasty at any temp

Control temp from 10 °C up to 45 °C so you'll always know how your sample behaves – straight out of the fridge, at room temp, or in the heat of manufacturing.



Specifications

Instrument	Specification				
Physical	Dimensions: 46 cm W x 45 cm D x 43 cm H; 28 kg				
Computer	Separate computer with Windows 10 included				
Electrical	Input voltage: 110–230 V AC 50–60 Hz Max power: 500 W				
Nitrogen or compressed air requirements	Pressure: 8-10 bar (116-145 PSI) Flow rate: ≥1 L/min Gas type: Nitrogen or ISO 8573-1:2010 [7:4:4] compressed air				
Detection method	Camera: CMOS Resolution: 1920x1080				
Approval	CE, FCC				
Application					
Sample types	Antibodies and other proteins, vaccines, viral vectors and injectables				
Sample temperature range	10-45 °C				
Temperature control accuracy	±0.5 °C				
Viscosity range	0.5-150 cP				
Viscosity accuracy	<3%				
Viscosity precision	<2%				
Consumable					
Bun material	Cyclic olefin copolymer				
Samples per Bun	10				
Recommended sample volume	40 µL				
Measurement total time	≤3 min (≤10 cP)				





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