honeybu







Let it flow

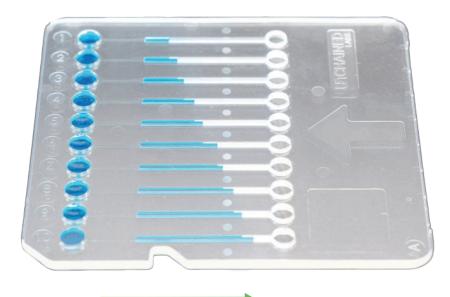
Honeybun is the only rapid viscosity system that pours out data as fast as you can handle it. Whether you've got one sample or ten, Honeybun sips microliters of each sample through a microfluidic channel to get a read on viscosities from 0.5–150 cP in minutes – with zero sample prep or clean-up. Ditch 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
35 µL per sample
1 minute runs (≤10 cP)
Up to 150 cP



Grab your bun

Load 35 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

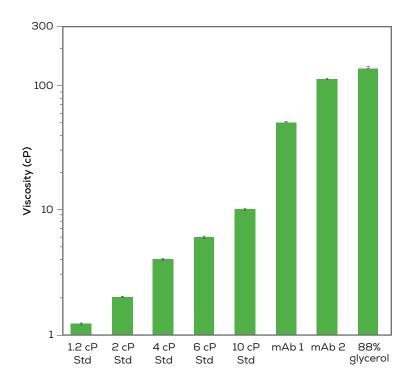
Short and sweet

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	Experiment	admin 👤
xperim	ent name		
	y Experiment		
empera			
		Current temperature (°C) -	
mples	& Settings		Sample loading
		Default 🔻	Default mode: Pipette 35 μL of sample into
	Sample name	Mode	the inlet reservoir. Ensure
1	Sample_1	Default 🔻	that the bottom surface of the reservoir is coated with
2	Sample_2	Default 🔻	fluid and that no air gaps are present.
3	Sample_3	Default 💌	
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 🔻	
		DRT 🕞 EXPORT 🕞 Please lo	oad your 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.

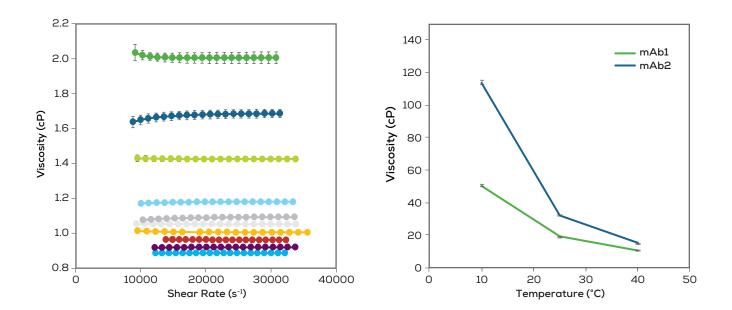


Know your flow

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: 6-10 bar (87-145 PSI) Flow rate: ≥10 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	<3%		
Consumable			
Bun material	Cyclic olefin copolymer		
Samples per Bun	10		
Recommended sample volume	35 μL (default mode) or 15 μL (low volume mode)		
Measurement total time	≤1 min (≤10 cP)		





Unchained Labs

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