MANUFACTURER PROVIDED SPECS

Wireless Thermometers	Link to purchase	Single Probe Price	Ambient limit	Internal limit	Temp sensors	Accuracy	Min. Insertion	Probe diameter	# probe limit	Wifi	Radio frequency	Battery life	Power	Water resistance	Deep Frying safe
Chef IQ Sense		$79.99	752°F	212°F	4	±1°F	2.37 in.	4.8 mm	3	yes	no	40 hours	USB-C	unknown	yes
ChefsTemp ProTemp +		$139.99	752°F	212°F	2	±0.9°F	3.5 in.	6/5.5 mm	3	yes	no	80-100 hours	USB-C	IP55	no
Combustion Boosted Thermometer & Display		$279.00	900°F	220°F	8	±0.9°F	1.97 in.	4.8 mm	4	yes	no	90 hours	USB-C	IP69K	yes
Fireboard Pulse		$149.00*	662°F	212°F	2	±0.4°F	2.76 in.	5.76 mm	32+	yes	yes	24 hours	USB-C	IP67	yes
Meater Pro		$129.95	1000°F	221°F	6	±0.5°F	2.62 in.	5 mm	1 (4 Pro)	no	no	24 hours	1x AAA battery	unknown	yes
Meatstick 4X		$124.99	572°F	212°F	4	±1 °F	3.76 in.	6 mm	8	no	no	70 hours	1x AA battery	unknown	yes
ThermoPro Temp Spike Plus		$129.99	572°F	212°F	2	unknown	2.62 in.	4.76 mm	3	yes	no	48 hours	USB-C	IP67	yes
Thermoworks RFX MEAT Starter Kit		$168.00	1000°F	212°F	4 + ambient probe	±0.9°F	3.1 in.	5.4 mm	50+	yes	433Mhz	52 hours	1x AAA battery	IP69K	yes
Typhur Sync Gold Dual		$229.00*	932°F	221°F	6	±0.5°F	2.87 in.	5.6 mm	4	yes	Sub 1G	50 hours	USB-C	IPX8	yes

THE BARBECUE LAB RANGE TEST RESULTS

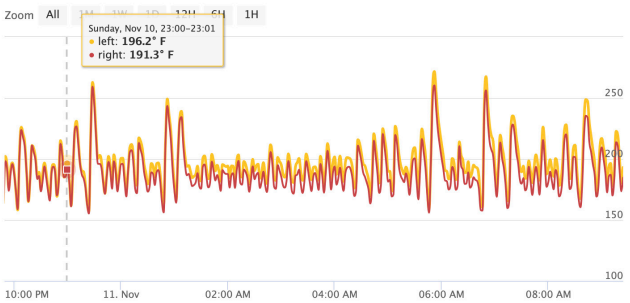
Wireless Thermometers	Bluetooth 1 foot	Bluetooth 6 feet	Bluetooth Inside house	Bluetooth Front of house	Bluetooth 1 foot in in dutch oven	Bluetooth 6 feet in dutch oven	WiFi
Chef IQ	yes	yes	yes	no	yes	no	yes
ChefsTemp ProTemp +	yes	yes	no	no	yes	no	yes
Combustion Boosted Thermometer & Display	yes	yes	yes	no	yes	yes	yes
Fireboard Pulse	yes	yes	yes	yes	yes	yes	yes
Meater Pro	yes	yes	yes	no	yes	no	no
Meatstick 4X	yes	yes	no	no	no	no	no
ThermoPro Temp Spike Plus	yes	no	yes	no	no	no	no
Thermoworks RFX MEAT	yes	yes	yes	yes	yes	yes	yes
Typhur Sync Gold Dual	yes	yes	yes	no	yes	yes	yes

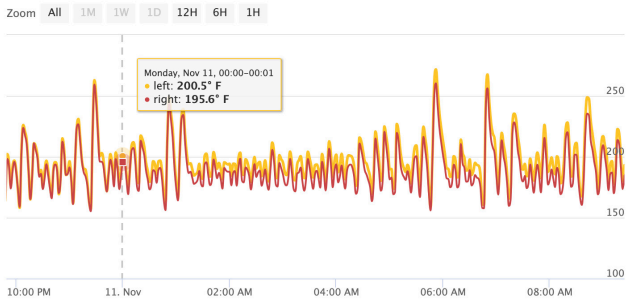
THE BARBECUE LAB AMBIENT TEMPERATURE TEST RESULTS

Thermometer	1st Hour		2nd Hour		3rd Hour		4th Hour		5th Hour		6th Hour		7th Hour		8th Hour		9th Hour		10th Hour		11th Hour	
Main Grate Left	189.5		196.2		200.5		179.2		194.3		195.3		201.7		189.8		212.5		192.7		192.3	
Main Grate Right	187.6		191.3		195.6		174		187.7		185.5		193.8		181.3		201.1		184		181.2	
Grate Temperature Average	188.55		193.75		198.05		176.6		191		190.4		197.75		185.55		206.8		188.35		186.75	
RFX Meat Ambient	194	5.45	200	6.25	200.4	2.35	177.7	1.1	203.8	12.8	196.4	6	206.5	8.75	193.3	7.75	209.8	3	196.7	8.35	187.7	0.95
Fireboard Pulse	152.6	-35.95	159.8	-33.95	161.6	-36.45	179.6	3	170.6	-20.4	172.4	-18	174.2	-23.55	197.6	12.05	196.4	-10.4	188.6	0.25	174.2	-12.55
Combustion	146	-42.55	161	-32.75	153	-45.05	189	12.4	172	-19	167	-23.4	164	-33.75	173	-12.55	184	-22.8	222	33.65	177	-9.75
Chef IQ	136	-52.55	159	-34.75	153	-45.05	160	-16.6	165	-26	173	-17.4	162	-35.75	221	35.45	207	0.2	162	-26.35	176	-10.75
MeatStick 4X	151	-37.55	144	-49.75	163	-35.05	172	-4.6	171	-20	180	-10.4	194	-3.75	190	4.45	187	-19.8	190	1.65	196	9.25
ThermoPro TempSpike	162	-26.55	163	-30.75	disconnected	X	disconnected	X	disconnected	X	disconnected	X	disconnected	X	disconnected	X	217	10.2	198	9.65	207	20.25
ChefsTemp ProTemp +	158	-30.55	142	-51.75	185	-13.05	171	-5.6	174	-17	176	-14.4	176	-21.75	180	-5.55	189	-17.8	181	-7.35	198	11.25
Meater 2 Pro	139.2	-49.35	176.1	-17.65	156.3	-41.75	166.9	-9.7	170.6	-20.4	168.2	-22.2	179.9	-17.85	207.7	22.15	187	-19.8	177	-11.35	dead	X
Typhur	Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent		Absent	
Closest to average temp																						

GRATE TEMPERATURE AMBIENT READINGS



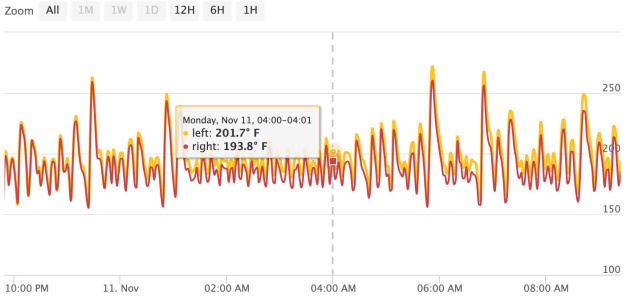




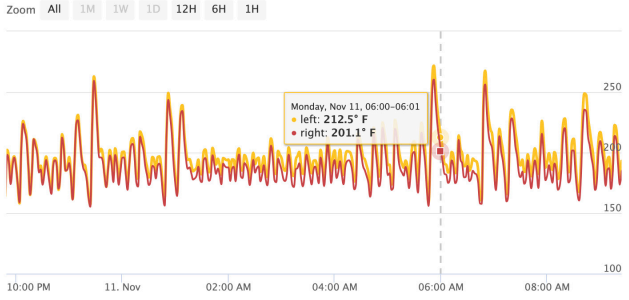










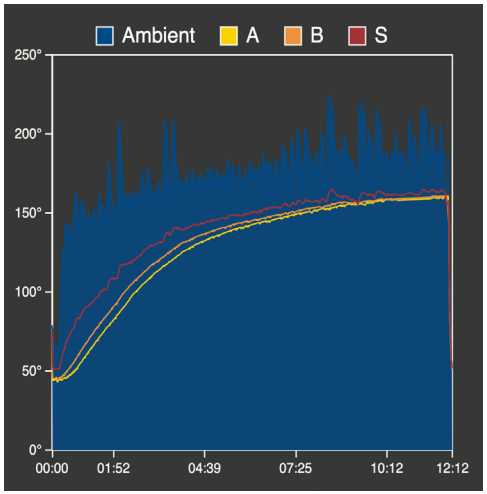




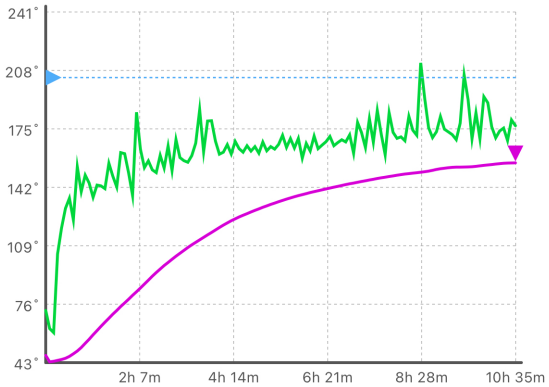




MEATSTICK 4X



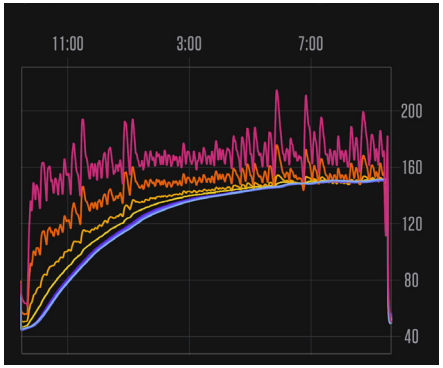
MEATER PRO



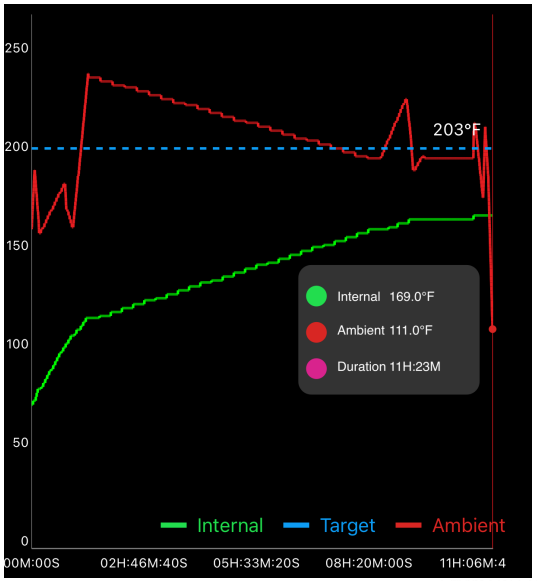
CHEFSTEMP PROTEMP +



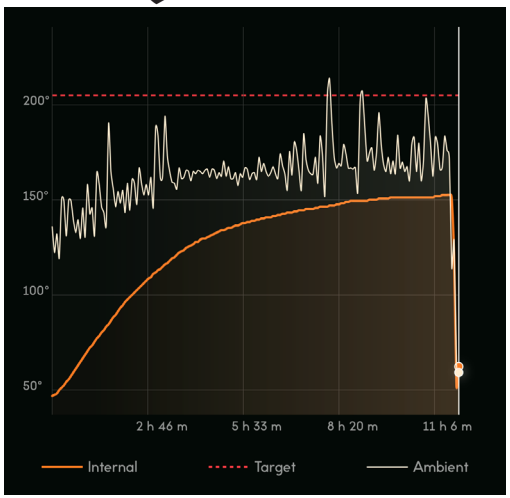
COMBUSTION



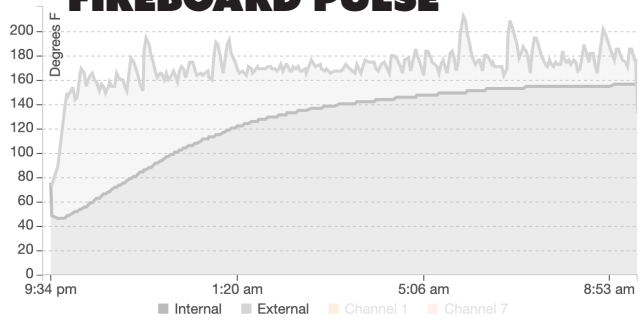
THERMOPRO TEMPSPIKE



CHEF IQ SENSE



FIREBOARD PULSE



THERMOWORKS RFX GATEWAY

