Serial Command Quick Reference Table

			Example	
	Command	**Function**	**sent**	**returned**
ID	**v**	return model and version	v <CR>	IC50 v1.0 <CR LF>
	V	return serial number	V <CR>	12345678 <CR LF>
	>(abc123...)	set user string (10 chars max)	>UNIT 10 <CR>	ok <CR LF>
	>	return user string	> <CR>	UNIT 10 <CR LF>
	^	Clear LCD Display of user string	^<CR>	ok <CR LF>
Temperature and Timer	**s**	return set point temperature	s <CR>	-10.0 <CR LF> off <CR LF> if idle mode
	n(xxx.x)	set new set point temperature (x.x min)	n25.0 <CR>	ok <CR LF>
	p, [P]	return plate/[probe] temperature	p <CR> or P<CR>	-10.0 <CR LF>
	i/I	set/clear idle mode (plate power is off when set)	i <CR> or I<CR>	ok <CR LF>
	a	return current timer value	a <CR>	00:04:13 <CR LF>
	a(hh:mm:ss)	set timer value (24:59:59 max)	a00:05:00 <CR>	ok <CR LF>
	au	start timer--count up	au <CR>	ok <CR LF>
	ad	start timer--count down	ad <CR>	ok <CR LF>
	ap	pause/stop timer	ap <CR>	ok <CR LF>
	ac	clear timer (00:00:00)	ac <CR>	ok <CR LF>
	M	macro to return status,sp, control temp, timer	M <CR>	StbLH,-10.0,-10.0,00:04:13 <CR LF>
Calibration	**R, [Q]**	return HIGH cal point temperature	R<CR> or Q<CR>	75.0 <CR LF>
	r, [q]	return LOW cal point temperature	r<CR> or q<CR>	10.0 <CR LF>
	T, [U](xxx.x)	set measured temperature at HIGH cal point (x.x min)	T73.2 <CR>	ok <CR LF>
	T, [U]	return measured RTD temp at HIGH cal point	T<CR> or U<CR>	73.2 <CR LF>
	t,[u](xxx.x)	set measured temperature at LOW cal point (x.x min)	t11.3 <CR>	ok <CR LF>
	t, [u]	return measured RTD temp at LOW cal point	t<CR> or u<CR>	11.3 <CR LF>
	H, [G]	reset HIGH temp cal points to default (100.0C)	H<CR> or G<CR>	ok <CR LF> (R and T now 100.0)
	h, [g]	reset LOW temp cal points to default (-10.0C)	h<CR> or g<CR>	ok <CR LF> (r and t now -10.0)
	m,[k]	macro to return all 4 cal values (r,t,R,T)	m <CR>	10.0,11.3,75.0,73.2 <CR LF>
Event Notification	**b**(mm:ss)	Broadcast Control Temperature returns Control Temp every mm:ss, 99:59 max	b00:10 <CR>	plate temp <CR LF> returned every 10 seconds
	B(sz)	Broadcast Temperature or Timer Events Return "TEMP_STEADY" when temp is steady S = enable s = disable Return "TIMER=0" when timer reaches zero Z = enable z = disable	BSz <CR>	TEMP_STEADY <CR LF> returned at event TIMER=0 <CR LF> not returned at event
Utility	**cp, [cP]**	Set Control to Plate or Probe	cp<CR> or cP<CR>	ok <CR><LF>
	c	Return Current Control Method	c<CR>	"Plate" or "Probe" <CR><LF>
	Y/y	Turn on/off beeper on unit	Y<CR>	ok<CR><LF> {Unit beeper On}
	x	Set Terminal Mode to format output for HyperTerminal	x<CR>	ok <CR><LF>
	S	return status (STBLHLH<CR>) S = temperature is (s = is not) steady T = timer is (t = is not) running B = unit is (b = is not) broadcasting L = plate low temp cal has(l = has not*) been done H = plate high temp cal has (h = has not*) been done L = probe low temp cal has(l = has not*) been done H = probe high temp cal has (h = has not*) been done	S <CR>	StbLHlh <CR LF> --temp is steady --timer not running --unit not broadcasting --plate has been calibrated at low temp --plate has been calibrated at high temp --probe has not been calibrated at low temp* --probe has not been calibrated at high temp*

<CR> is return char (for example: "enter" keyboard press for HyperTerminal, "\r" for C pgms, ASCII hex char "D")
[ ] Commands in brackets are for probe (do not include brackets in sent command chars)
*Default Values Stored