

Programme: P01

RCV1		Phase 1
Phase time	min	30
Mode		W/R
Frequency work	Hz	5
Pulse duration	µS	330
Ramp up time	sec	2
Ramp down time	sec	1
Work time	sec	8
Rest time	Sec	15
Alternating		
Synchronous		*

Programme: P02

RCV2		Phase 1	Phase 2
Phase time	min	30	30
Mode		W/R	W/R Modulated
Frequency work	Hz	10	15
Frequency rest	Hz	-	2
Pulse duration	µS	300	300
Modulation time	sec	-	--
Ramp up time	sec	2	2
Ramp down time	sec	1	-
Work time	sec	8	8
Rest time	Sec	15	15
Output current	mA	0	
		10	
		20	
		90 max	

Programme: P03

EXE1		Phase 1	Phase 2
Phase time	min	15	30
Mode		W/R	W/R
Frequency work	Hz	10	50
Frequency rest	Hz	-	-
Pulse duration	µS	300	200
Modulation time	sec	-	--
Ramp up time	sec	2	0.6
Ramp down time	sec	0.3	0.3
Work time	sec	6	6
Rest time	Sec	10	12

Programme: P04

EXE2		Phase 1	Phase 2	Phase 3	Phase 4
Phase time	min	10	5	10	5
Mode		W/R	W/R	W/R	W/R
Frequency work	Hz	10	25	10	25
Frequency rest	Hz	-	-	-	-
Pulse duration	µS	320	300	320	300
Modulation time	sec				
Ramp up time	sec	1.5	1.5	1.5	1.5
Ramp down time	sec	0.2	0.6	0.2	0.6
Work time	sec	8	7	8	7
Rest time	Sec	12	14	12	14



Programme: P05

EXE3		Phase 1	Phase 2
Phase time	min	15	30
Mode		W/R	W/R
Frequency work	Hz	15	35
Frequency rest	Hz	n/a	n/a
Pulse duration	µS	250	250
Modulation time	sec	n/a	n/a
Ramp up time	sec	1.2	0.6
Ramp down time	sec	0.3	0.3
Work time	sec	5	5
Rest time	Sec	8	5

Programme: P06

SIMP		Phase 1
Phase time	min	20
Mode		W/R
Frequency work	Hz	50
Frequency rest	Hz	n/a
Pulse duration	µS	300
Ramp up time	sec	1.2
Ramp down time	sec	0.3
Work time	sec	8
Rest time	Sec	10



Programme: P07

ENDU		Phase 1
Phase time	min	1 hour
Mode		W/R
Frequency work	Hz	20
Frequency rest	Hz	-
Pulse duration	µS	250
Ramp up time	sec	0.8
Ramp down time	sec	0
Work time	sec	5
Rest time	Sec	5
Alternating		
Synchronous		*

Programme: P08

SENS		Phase 1	Phase 2
Phase time	min	45 min	15 min
Mode		Work/Rest Modulated	Work/Rest
Frequency work	Hz	15 (200 uS)	50
Frequency rest	Hz	3 (300 uS)	n/a
Pulse duration	µS	200 - 300	300
Modulation time	sec	n/a	n/a
Ramp up time	sec	2	2
Ramp down time	sec	n/a	n/a
Work time	sec	7	10
Rest time	Sec	7	12



Programme: P09

OAB		Phase 1
Phase time	min	20
Mode		Work/Rest
Frequency work	Hz	10
Frequency rest	Hz	n/a
Pulse duration	μ S	400
Ramp up Time	secs	0.8
Ramp down Time	secs	0.6
Work Time	secs	10
Rest Time	secs	5
Treat for 20 minutes on skin with various mA value to see if the unit works correctly		

Programme: P10

STR1		Phase 1	Phase 2
Phase time	min	10 min	30
Mode		Continuous	W/R
Frequency work	Hz	2	35
Frequency rest	Hz	n/a	n/a
Pulse duration	μ S	330	250
Modulation time	sec	n/a	n/a
Ramp up time	sec	n/a	1.5
Ramp down time	sec	n/a	0.5
Work time	sec	n/a	5
Rest time	Sec	n/a	5



Programme: P11

STR2		Phase 1	Phase 2
Phase time	min	10	30
Mode		W/R	W/R
Frequency work	Hz	10	35
Frequency rest	Hz	n/a	n/a
Pulse duration	μ S	200	250
Modulation time	sec	n/a	n/a
Ramp up time	sec	0.6	1.0
Ramp down time	sec	0.3	0.6
Work time	sec	5	5
Rest time	Sec	5	5

Programme: P12

MIXDS		Phase 1	Phase 2
Phase time	min	15	15
Mode		W/R	W/R
Frequency work	Hz	12	50
Frequency rest	Hz	n/a	n/a
Pulse duration	μ S	300	300
Modulation time	sec	n/a	n/a
Ramp up time	sec	1.0	0.5
Ramp down time	sec	0.2	0.2
Work time	sec	5	5
Rest time	Sec	10	10



Programme: P13

FTRN		Phase 1	Phase 2	Phase 3
Phase time	min	3	3	3
Mode		W/R	W/R	W/R
Frequency work	Hz	35	20	50
Frequency rest	Hz	-	-	-
Pulse duration	µS	220	220	220
Ramp up time	sec	0.6	1.6	0.8
Ramp down time	sec	0.6	1.6	0.8
Work time	sec	6	9	5
Rest time	Sec	12	16	10
Synchronous		*	*	*

Programme: P14

PNC1		Phase 1	Phase 2
Phase time	min	20	15
Mode		Con	W/R
Frequency work	Hz	2	50
Frequency rest	Hz	n/a	n/a
Pulse duration	µS	300	250
Modulation time	sec	n/a	n/a
Ramp up time	sec	n/a	1
Ramp down time	sec	n/a	1
Work time	sec	n/a	6
Rest time	Sec	n/a	18



Programme: P15

PNC2		Phase 1	Phase 2
Phase time	min	15	15
Mode		Con	W/R
Frequency work	Hz	2	50
Frequency rest	Hz	n/a	n/a
Pulse duration	µS	300	250
Modulation time	sec	n/a	n/a
Ramp up time	sec	n/a	1
Ramp down time	sec	n/a	1
Work time	sec	n/a	8
Rest time	Sec	n/a	24

Treat for 30minutes on skin with various mA value to see if the unit work correctly

Programme: P16

BOW1		Phase 1	Phase 2
Phase time	min	5	5
Mode		W/R	W/R
Frequency work	Hz	20	30
Frequency rest	Hz	n/a	n/a
Pulse duration	µS	250	250
Modulation time	sec	n/a	
Ramp up time	sec	0.3	0.3
Ramp down time	sec	0.3	0.3
Work time	sec	5	5
Rest time	Sec	5	5



Programme: P17

BOW2		Phase 1
Phase time	min	40
Mode		W/R
Frequency work	Hz	35
Frequency rest	Hz	n/a
Pulse duration	μ S	300
Modulation time	sec	n/a
Ramp up time	sec	0.5
Ramp down time	sec	0.5
Work time	sec	5
Rest time	Sec	5

Programme: P18

PAIN		Phase 1
Phase time	min	5 h
Mode		W/R
Frequency work	Hz	100
Frequency rest	Hz	n/a
Pulse duration	μ S	100
Modulation time	sec	n/a
Ramp up time	sec	1.2
Ramp down time	sec	0
Work time	sec	5
Rest time	Sec	15
Synchronous		*



Programme: P19

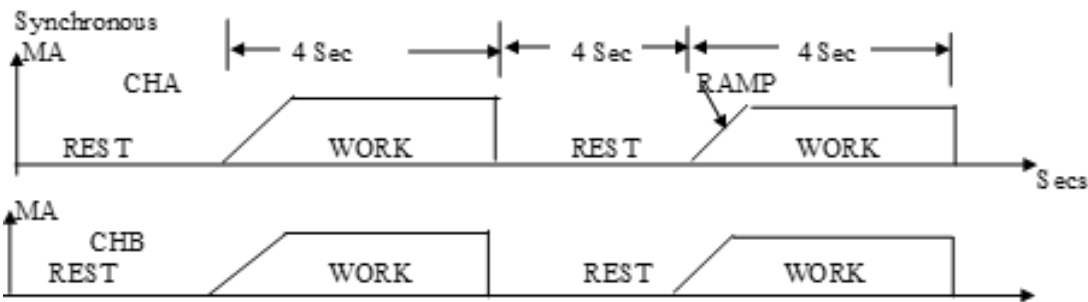
CIRC		Phase 1
Phase time	min	60
Mode		Continuous
Frequency work	Hz	2
Pulse duration	μ S	300

Programme: P20

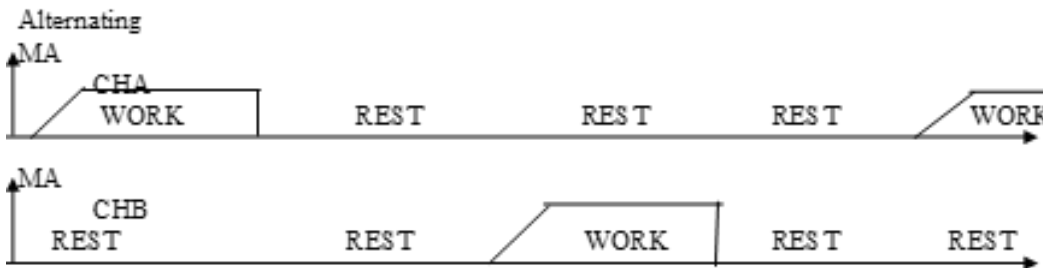
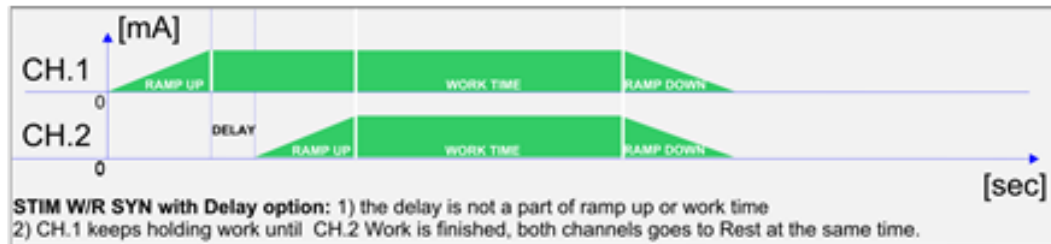
RELX		Phase 1	Phase 2
Phase time	min	10	10
Mode		W/R Modulated	Continuous
Frequency work	Hz	10 (300uS) -	2 Hz
Frequency rest	Hz	3 (300uS)	
Pulse duration	μ S	300	330
Modulation time	sec	n/a	n/a
Ramp up time	sec	0.2	n/a
Ramp down time	sec	n/a	n/a
Work time	sec	3	n/a
Rest time	Sec	7	n/a



Output forms for synchronous and Alternating



Synchronous with the delay



Please refer to the NT2 sample and see the difference between Alternating ALT and synchronous SYN stimulation output.

Alternating

For Example: If work = 4 seconds and Rest = 4 seconds. And we are set to Alternating :-
If ChA is set to 20mA and ChB to 30mA

Then for the first 4 seconds WORK chA at 20mA channel B is REST at 0mA
The next 4 seconds both ChA & B are off at 0mA :REST
The next 4 seconds WORK ChB at 30mA chA is REST at 0 MA
The next 4 seconds REST ChA & ChB at 0 MA
The next 4 second WORK ChA at 20MA CHB is REST off at 0MA
Etc keep repeating

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