



CONTROL CIRCUIT P.C. BOARD

R101, R188	200 Ω	R184	680 Ω
R102, R133, R153	68 K Ω	R187	150 Ω
R105, R106, R113, R146, R170, R182	330 Ω	LED 101 THRU 105	RED LIGHT EMITTING DIODE
R105, R167, R172	47 K Ω	L101	33 mH
R101	33 K Ω	SCR 101	12 A
R107	15 K Ω	TP 101, TP 102, TP 103	TRANS. SUPPRESSOR
R108, R119	6.8 K Ω	X101	QUAD OP. AMP.
R107, R137, R147, R160, R179	1 K Ω	C102	47 MFD
R110, R125	680 Ω	C103, C109	1 MFD
R111	1.5 MEG Ω	C104, C114, C115, C118	.022 MFD
R112	390 K Ω	C105, C106, C107, C113	.047 MFD
R114, R153, R154	52 K Ω	C108, C111	18 MFD
R115, R168	1 MEG Ω	C110	.47 MFD
R116, R117, R142, R152	22 K Ω	C112	3.9 MFD
R118, R139, R163	50 K Ω TRIMMER	C116, C117	2 MFD
R120, R140, R151	1.5 K Ω	C119, C120, C121, C122, C123	.02 MFD
R121, R161, R185	470 Ω	C124, C127	.01 MFD
R122, R123, R127, R134, R135, R164, R165, R177	2.2 K Ω	C126	2.7 MFD
R124, R141	270 Ω	C127	4.7 MFD
R126, R138	1 K Ω TRIMMER	D101, D106 THRU D111, D113 THRU D128	1A, 400V
R128, R131, R132, R142, R145, R162, R171, R173, R175	4.7 K Ω	D102, D103, D104, D105	1A, 1000V
R130	3.0 K Ω	DZ101	15V, 5W
R129, R154	2.7 K Ω	DZ102	10V, 5W
R136, R158	1.8 K Ω	DZ103	6.2V, 400mw
R144	2.7 MEG Ω	DZ104	10V, 1W
R148	470 K Ω	DZ105	5.3V, 400mw
R149	10 K Ω	DZ106	12V, 1W
R150	1.3 K Ω	DZ107	3V, 5W
R166, R169, R186	47 Ω	DZ108	25V, 5W
R174, R176, R180	100 K Ω	DZ109	15V, 1W
R181	56 K Ω	Q101, Q103	2N5816
R183	2.7 K Ω	Q102, Q104	2N5815
		Q101	2N6027

FIRING CIRCUIT P.C. BOARD

R301-R306	250 Ω, 11W
R307-R312	10 Ω
R313-R318	470 Ω
R319-R324	5.1 Ω
R325-R330	100 Ω
R331-R336	150 Ω
R337-R342	4.7 K Ω
R343-R348	68 K Ω
R349-R354	1 K Ω
R355-R360	1 MEG Ω
R361-R366	50 K Ω TRIMMER
R367-R372	27 K Ω
R373-R378	680 Ω, 2W
D301 THRU D342	1A
DZ301 THRU DZ306	27V, 5W
L-301	33 mH
LED301 THRU 309	RED LT. EMIT. DIODE
QU301 THRU QU303	2N6027
PT301-PT303	1:1:1 PULSE TRANSF.
SCR301-SCR306	12A, 400V
TP301-TP303	TRANS. SUPPRESSOR
C301-C306	.22 MFD
C307-C312	2.7 MFD
C313-C318	.047 MFD
C319-C324	.022 MFD
C325-C330	.022 MFD
C331-C336	.22 MFD

COMPONENTS NOT ON P.C. BOARD

R1	10K Ω POT.
R2	30 Ω 300W
C7	.05+.05 MFD.
F1	8A, SLOW BLOW
T1	MAIN POWER TRANS.
T2	INTERPHASE REACTOR
T3	CONTROL TRANS.
SCR1-SCR6	380A, 500V
R401	1K Ω, 12W
C401	8MFD, 250V
D401	1A, 1000V

