

SPARE PART LIST

1. Collimator transformer (option)

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
NRCOL board	R-3525-2	
NRCOL fuse F1 (T3.15A)	P000067	
NRCOL fuse F2, F4 (T1.25A)	P002938	
NRCOL fuse F3 (T2.5A)	P007747	
NRCOL fuse F5, F6 (T12.5A)	P009592	
TR1 transformer	P009177	

2. Console

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
Exposure switch, external, hand-held	R-3973-1	
Glass frame (for -GSE versions)	R-3005-1	
Keyboard set keyboard: front panel: (they have to be stuck together)	R-3109-1 + R-2752-1	
LCD	P004473	
NRSRC board	R-3800-3	!
Plastic frame (for -PDx versions)	R-2830-1	

3. Controller unit

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
C20 shift capacitor 30uF 450V	P001102	
CSTIF board	R-1886-2	
NRAEC board	R-1946-2	!
NRCON battery BT1	P003782	
NRCON board	R-3912-2	! ²
NRRAD board (together with NRMCU)	R-1299-2	!
NRRAD fuse F1, F7, F8 (F315mA)	P000040	
NRRAD fuse F2 (T1A)	P000065	
NRRAD fuse F3 (T160mA)	P000058	
NRRAD fuse F4 (T32mA)	P003302	
NRRAD fuse F5 (T3.15A)	P000067	
NRRAD fuse F6, F9 (T10A)	P000070	
NRTUS board for low speed starter	R-4948-1L	
NRTUS board for high speed starter	R-4948-1H	
PS1 power supply	P007680	
PS2 power supply	P007679	
PS3 power supply	P007851	

¹ Software version number is also required for ordering these boards.

² Generator maximum kV, kW parameters and load mode (rad./fluoro.) are also required for ordering NRCON board.

4. Filter box

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
D1, D2, D3 diode module	P000374	
HF3FF L1, L2, L3 inductor	R-2216-1	
HF3FF L4 inductor	R-2216-3	
ILFCP board	R-1720-1	
TXACD coil set brown coil: black coil:	FMX3365 + FMX3366	
TXACD core set U-core: I-core:	2 pcs. P001998 + 4 pcs. P001999	
TXCOM board	R-1857-1	
TXDMP coil set blue coil: red coil:	FMX3359 + FMX3360	
TXDMP core set U-core: I-core:	2 pcs. P001998 + 2 pcs. P001999	
TXDCF board	R-0955-1	
TXHCA board	R-0941-1	
TXHCB board	R-0939-1	

5. High speed starter and fluoro unit (option)

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
C40-C41 shift capacitor: 15uF 450V	P003393	
C40-C41 shift capacitor: 50uF 450V	P003394	
L40 TXCAA coil	FFTCAA1	
NRFIF board	R-4388-3	!
NRFIL board	R-1944-2	
NRHSF board	R-3420-1	
NRLHS board (together with NRMCU)	R-1615-2	!
TXFAA board	R-3411-1	
TXFAA fuses F1, F2 (T10A)	P002230	

6. High voltage tank

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
HFHVT51 1-tube tank	R-3682-1	
HFHVT52 2-tube tank	R-3691-1	
L1 inverter output coil	R-5087-1	
L2 inverter output coil (for 30-32 kW generator)	R-5088-1	
L2 inverter output coil (for 40-65 kW generator)	R-5088-2	

7. Inverter unit

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
C1, C2, C3, C5, C6, C11 DC buffer capacitor	P007803	
C9 inverter output capacitor	P008377	
HFIDD board	R-1952-2	
HFIGB board	R-1953-2	
HFIIB board	R-1968-2	
HFRCB board	R-3027-1	
SW3 thermal switch (with cable)	R-2267-1	
T3, T4 IGBT module	P007569	
TM1, TM2 thyristor module	P003561	
TXAVB board	R-1854-1	
TXPSC board	R-1330-2	
TXRDV board	R-0942-1	
TXSRC board for TM1	R-1331-4	
TXSRC board for TM2	R-1331-3	

8. Power input unit

<i>Component / board name</i>	<i>Part No.</i>	<i>Software¹</i>
CS1, CS3 / N terminal block element	P002771	
F1, F2, F3 fuse (40 A)	P009005	
F1, F2, F3 fuse (50 A)	P009006	
F1, F2, F3 fuse (63 A)	P005109	
F1, F2, F3 fuse holder	P005501	
F4, F5, F10 fuse (T6.3A)	P002820	
F4, F5, F6, F8, F10 fuse holder	P002777	
F6, F8 fuse (T3.15A)	P000067	
F9 fuse (T15A)	P009650	
F9 fuse holder	P009649	
KM1, KM2, KM3, KM4 circuit breaker	P005583	
R1, R2, R4 charger resistor	P002248	
RY1 main contactor	P001625	
RY2 relay	P001630	
RY2 relay socket:	P001632	
clamp:	P001626	
ZSZ1 EMI filter	P001779	