

BSD-2000 DEEP PHASED ARRAY PRODUCT COMPARATIVE TABLE

	BSD-2000 2D	BSD-2000 3D	BSD-2000 3D MRI
RF Generator	Tetra	Dodek	Dodek
# of RF Channels	4	12	12
Directional Heat Zone Steering	2 axis (X & Y)	3 axis (X, Y & Z)	3 axis (X, Y & Z)
Frequency (MHz)	75 to 120 MHz	75 to 120 MHz	100 MHz
# of Antennas	8	8 and 24	24
Maximum Power	1300 W	1800 W	1800 W
Max. Channel Power	325 W	450 W (4 channel) or 135 W (12 channel)	135 W
Forward Pwr Cont.	✓	✓	✓
Phase Control	✓	✓	✓
MRI Compatible	✗	✗	✓
Multiple size applicators	✓	✓	✓
Computer Console	included	included	included
Sigma 30 applicator (30cm, 8 ant.)	✓	✓	✗
Sigma 60 applicator (60cm, 8 ant.)	✓	✓	✗
Sigma Ellipse applicator (8 ant.)	✓	✗	✗
Sigma Eye applicator (24 ant.)	✗	✓	✗
Sigma 30MR applicator (24 ant.)	✗	✗	✓
Sigma Eye MR applicator (24 ant.)	✗	✗	✓
# Temperature probes (24 ant.)	8	8	8
# Sensors per probe	1	1	1
Thermal Mapping	✓	✓	✓
# of Sensor Locations Along Catheter	31	31	31

	BSD-2000 2D	BSD-2000 3D	BSD-2000 3D MRI
Built-in Thermal Calibration	✓	✓	✓
CE Mark	✓	✓	✓
Forward Pwr. Detection	✓	✓	✓
Reflected Pwr. Detection	✓	✓	✓
Water Heating/Cooling System	Built-in	Built-in	External
Water Bolus Interface	✓	✓	✓
Variable Focal Diameter	✓	✓	✓
Non-invasive thermometry	✗	✗	✓
Published Clinical Trials	✓	✓	✓
ESHO Guideline Compliant	✓	✓	✓
Automatic Bolus Air Purge	✓	✓	✓
UV Water Treatment	✓	✓	✓
Integral Deionizer of Water	✓	✓	✗
Pretreatment Planning	✓	✓	✓
Room Shielding Required	✓	✓	Uses Existing MRI Shielding