CPS2000 has 2000V forcing voltage which is the highest voltage value in capacity measurement systems (CPS series). Control part and measurement part are separated in this system.

CPS2000 2000V

Ciss Measurement Circuit

MODEL | CPS2000
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MEASURABLE ITEMS | MOS-FET, IGBT : Ciss, Coss(GD), Coss, Crss
 | : Cgc=Crss
 | : Cge=Ciss-Crss
 | : Cce=Coss-(Cgc×Cge/(Cgc+Cge))
TEST PLAN / SORT PLAN | 1000/100
VCE | +0.1V~+99.9V(+0.1V STEP)
 | +0.01V~+999V(+1V STEP)
 | +0.01V~+2.00kV(+0.01kV STEP)
 | −0.1V~−99.9V(−0.1V STEP)
 | −0.01V~−999V(−1V STEP)
LOWER GATE/UPPER GATE | 0.000.0pF~−9.999nF
CAPACITANCE MEASUREMENT | 100pF~9.999nF (1MHz)
MEASUREMENT TIME | 10ms~999ms
DIMENSIONS & WEIGHT
MAIN UNIT | 430(W)×700(D)×245(H)·33kg
HEAD BOX | 445(W)×500(D)×410(H)·20kg