Grading Devices Used

Grading Device	Fomula or Measurement Explanation
AutoFOM	Direct primal percent reading.
Ruler	Backfat measurement.
TOBEC	Device reads electronically the pounds of the primal, ham, shoulder, and loin and divides by the carcass weight to determine a primal lean percent.
UltraFOM	59.05 - (0.38 * backfat[mm] + (0.01 * loineye[mm])
Fat-O-Meat'er	Percent lean = (2.827 + (0.469 * hot weight [lbs]) - (18.47 * backfat * 0.0393701[mm]) + (9.824 * loineye * 0.0393701 [mm]))/ hot weight
Fat-O-Meat'er	Percent lean = (54.672154 - (0.002982 * hot weight [lbs]) - (0.412525 * backfat * 25.4 [in] + (0.1433242 * loineye * 25.4 [in]))/ 100
Fat-O-Meat'er	Percent lean = 58.86 - (0.61 * backfat [mm]) + (0.12 * loineye [mm])
Hennessy	Percent lean = 46.17 - (0.3445 x backfat[mm]) + (0.0827 x loineye [mm]) + (0.00415 x rib [mm])
UltraFOM	Percent lean = 61.56 - (0.878 * backfat[mm] + (0.157 * loineye[mm])
Destron	Percent lean = 55.0700 - (0.3770 * backfat [mm]) + (0.0520 * loineye [mm])
AUS System	-