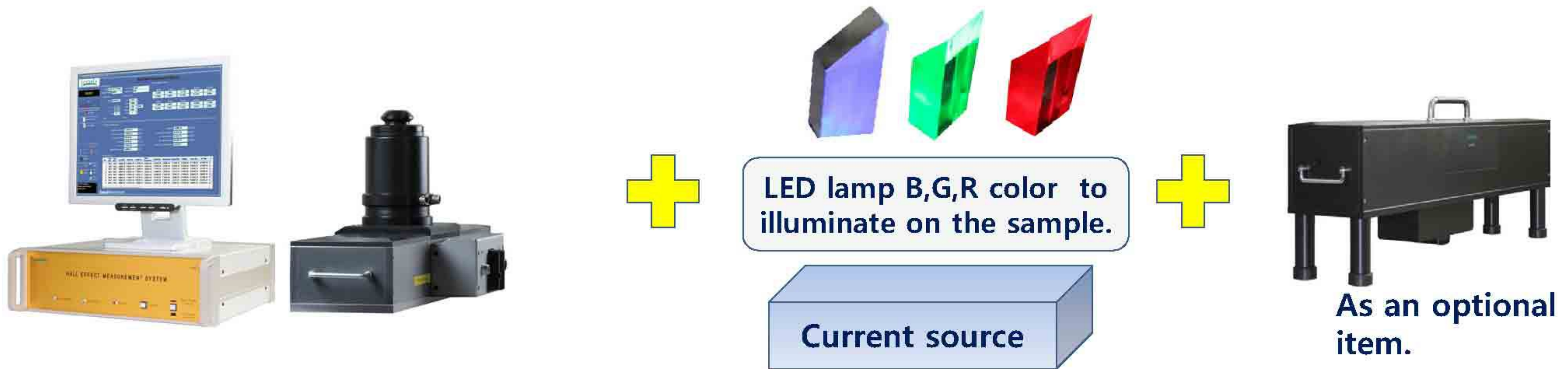


Model no. HMS-7000 + AMP55T + Photonic module

+ (AHT55T3 or AHT55T5 as an option)



HMS-7000 model is also able to integrate with AMP55T and/or AHT55T3 (and AHT55T5). However, for photonic measurement, only AMP55T model can be applicable. AHT55T3 (and AHT55T5) model is not available for photonic hall effect but for high temp performance.

NO	HMS7000 Main body	Description
1	Size	44 x 42 x 14cm (W x D x H)
2	Weight	8.5kg
3	Carrier density	10e7~10e21(cm-3)
4	Light intensity	Light intensity vs electrical parameters (carrier density, mobility, resistivity, hall coefficient)
5	Resistivity	10e-4 ~ 10e7 (ohm.cm)
6	Mobility	1~10e7 (cm ² /Vs)
7	Input current range	1nA ~ 20mA (DC type)
8	Output voltage	12V
9	Software	Win XP, Vista, Win7, Win8, Win10
10	Others in s/w	IV, IR graph plot. Hall coefficient, MR.

Please refer to see magnet kit information in previous page. All of things are same in AMP55T, AHT55T3 and AHT55T5.

Software – light intensity vs carrier density, resistivity, mobility graph in green color.

