Comparison between Beckman System Gold HPLC and Agilent 1100/1260

1. Beckman has a Model 166 UV-vis detector with a dual photodiode sensor, whereas both Agilent models have a photo-diode array detector.
2. Components of the Beckman solvent delivery system are in-built, whereas the Agilent systems have modular components.
3. The Beckman lacks some essential features such as integrated degassing unit, thermostatted column compartment and heat exchangers that are present in the Agilent systems.
4. The 32-Karat software used with the Beckman system has limited data acquisition and analysis capabilities, whereas the Chemstation software used with the Agilent systems have advanced data acquisition and analysis features.