



Automatic Polarimeters

Built for the global needs of the pharmaceutical industry

DigiPol Nova Series

The DigiPol Nova Series of Automatic Polarimeters are designed to meet the needs of the most demanding optical rotation measurements for the world's largest pharmaceutical companies and research labs.

All DigiPol Nova Polarimeters can be equipped with the Unique DigiTherm™ Peltier Temperature Control System for all Pharmacopeias using all standard Polarimeter Cells.

These leading-edge Polarimeters rise up to the challenge of today's regulatory environment, ensuring exceptional accuracy, convenience, while satisfying all compliance standards. Our DigiPol Series is the system of choice for Contract Laboratories that provide independent testing services and Pharma R&D. These units are used to estimate starch and sugar in the foods and beverage industry, to determine sugar content in the sugar industry, and to characterize new Chiral compounds in chemical research. It also can be equipped with an additional two (2) wavelengths for special applications.

The DigiPol Nova M6U has automatic wavelength coverage from 325nm to 633nm

Meets all the requirements of USP, BP, EP, JP:

- High accuracy all across the range
- Complete Pharmacopeia Compatibility
- 21 CFR Part 11 Compliance
- Peltier Cell temperature control 15 - 35°C
- All 6 Pharmacopeial wavelengths
- 325nm, 365nm, 405nm, 436nm, 546nm, 589nm
- Provision for two more field installable wavelengths for new methods
- Lifetime Support
- Three Year Domestic Warranty



DigiPol Nova M6U



The DigiTherm™ with an accuracy of $\pm 0.2^{\circ}\text{C}$ controls the temperature of the sample cell to meet USP <781> optical rotation measurements at $25^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$, and EP measurements at $20^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ without the use of water circulation or water baths. Other temperatures between 15°C and 30°C can also be set where optical rotation needs to be measured for special applications. The system is simple and easy to use and permits the use of any glass funnel cell from 50mm to 200mm in length as well as Quartz Rotation Standards.

The DigiPol Nova TDV is the single wavelength member of the Nova Series. It is equipped for 589nm Sodium D Line and has the option for manual wavelength change over when needed, in routine testing and analysis. It has the same accuracy and readout resolution as the DigiPol Nova M6U Series. The DigiPol Nova TDV also features the unique DigiTherm™ Peltier Temperature control System.



DigiPol Nova TDV

There is a DigiPol configuration to meet all needs and applications.



BETATEK INC.
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