

# Special Order BD Accuri™ C6 Research Systems

## Extending Personal Flow Cytometry Across the Fluorescence Spectrum

### Features

Offer the widest range of choice and flexibility to meet individual research application requirements

Preconfigured BD Accuri™ C6 systems are available for applications including gene expression and DNA/cell cycle assays

1- or 2-laser custom systems can be designed from a choice of wavelengths and detectors

Wavelength (nm)	Power (mW)
375	16
405	50 and 100
445	75
473*	20* and 50
514	20
552	20
637	140
640*	40* and 100
647	120
660	100
685	40
730	30
785	50

**Table 1.** Laser wavelengths available for special order BD Accuri C6 research systems.

\*Standard laser configuration.

The BD special order program incorporates the latest technologies into BD platforms to deliver the most advanced and flexible products available for multicolor research. Special order BD Accuri™ C6 research systems offer unparalleled choice in personal flow cytometry for research customers. These preconfigured or custom-designed systems are made possible by the special order program.

### Preconfigured systems for gene expression and DNA/cell cycle applications

Preconfigured special order BD Accuri C6 systems for gene expression enable research using the fruit series of fluorescent proteins (such as Living Colors® mCherry, mPlum, and DsRed dyes) as well as Green and Yellow Fluorescent Proteins. Preconfigured special order BD Accuri C6 systems for DNA/cell cycle assays include a near-ultraviolet (375-nm) laser to excite DAPI, Hoechst, and propidium iodide (PI) dyes.

### Custom 1-2 laser systems for precise or unique needs

To fit precise research needs, custom special order BD Accuri C6 systems can be designed to include one or two lasers from a choice of more than ten wavelengths (Table 1), with up to two light scatter detectors and up to four fluorescence detectors.

### Special order BD Accuri C6 systems are easy to use

Expanded flexibility and choice allow special order BD Accuri C6 systems to fit a broad range of research application requirements, yet they retain the intuitive software and portability of the BD Accuri C6.

BD Accuri C6 systems feature fixed alignment and pre-optimized detector settings, which make them simple to use, and a non-pressurized fluidics subsystem enabling kinetic measurements in real time. For walkaway convenience, the optional BD CSampler™ accessory offers automated sampling from 24-tube racks or multiwell plates.

### Getting started with special order products

Customers work directly with their BD Sales Representative as the first point of contact to discuss either a preconfigured or custom special order BD Accuri C6 product for their lab.

For custom systems, special order program engineers and sales representatives work as a team with customers. They follow a structured process to define and manufacture an instrument that precisely matches customer research requirements. Strict manufacturing controls ensure a high-quality outcome.

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## Preconfigured Systems

Suggested Applications	Sample Fluorochromes	Laser 1 (nm) /Detectors	Laser 2 (nm) /Detectors	Cat. No.
<b>Preconfigured Special Order BD Accuri C6 Research Systems</b>				
Fluorescent proteins/ gene expression	GFP and variants	473/2	552/2	<b>656035</b>
	YFP and variants	473/3	552/1	<b>656036</b>
	mCherry	473/1	552/3	<b>656037</b>
	mPlum	473/2	514/2	<b>656041</b>
	dTomato	473/3	514/1	<b>656042</b>
DNA/cell cycle	DsRed	473/3	514/1	<b>656042</b>
	DAPI	473/2	375/2	<b>656038</b>
	Hoechst	473/3	375/1	<b>656039</b>
	PI	375/2	—	<b>656040</b>

Class 1 Laser Product.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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