

| Model | Ch 1 | Ch 2 | Ch 3 | Ch 4 | Ch 5 | Ch 6 | Ch 7 | Multiplexing |
|--|---------------|---|--------------------------------|-------------------------------|-------------------------|------|------|--------------|
| BioRad Laboratories | | | | | | | | |
| MiniOpticon | FAM, ATTO 488 | HEX, ATTO 550, Yakima Yellow, TET | | | | | | 2-plex |
| MyiQ | FAM, ATTO 488 | | | | | | | 1-plex |
| MyiQ2 | FAM, ATTO 488 | HEX, ATTO 550, DY-549, Cy3, TAMRA | | | | | | 2-plex |
| Chromo4 | FAM, ATTO 488 | JOE, Yakima Yellow, TET, HEX, Cy3, TAMRA, ATTO 550 | Texas-Red, ROX, LC 610, Cy3.5 | Cy5, DY-649, ATTO 647N | | | | 4-plex |
| iCycler iQ | FAM, ATTO 488 | HEX, Yakima Yellow, TET, Cy3, ATTO 550, DY-549, JOE | Texas-Red, ROX | Cy5 | | | | 4-plex |
| iCycler iQ5 | FAM, ATTO 488 | HEX, DY-549, TET, JOE | TAMRA, Cy3, ATTO 550, ATTO 565 | Texas Red, ROX, Cy3.5, LC 610 | Cy5, ATTO 647N, DY-649 | | | 5-plex |
| CFX-96 | FAM, ATTO 488 | HEX, DY-549, Yakima Yellow, JOE | Texas Red, ROX, LC 610, Cy3.5 | Cy5, ATTO 647N, DY-649 | LC 705, Cy5.5, ATTO 680 | | | 5-plex |
| CFX-384 | FAM, ATTO 488 | HEX, DY-549, Yakima Yellow, JOE | Texas Red, ROX, LC 610, Cy3.5 | Cy5, ATTO 647N, DY-649 | | | | 4-plex |
| Eppendorf | | | | | | | | |
| Mastercycler realplex2 | FAM, ATTO 488 | HEX, JOE, TET, Yakima Yellow, ATTO 520 | | | | | | 2-plex |
| Mastercycler realplex4 | FAM, ATTO 488 | HEX, JOE, TET, Yakima Yellow, ATTO 520 | TAMRA, ATTO 550 | ROX, Texas Red | | | | 4-plex |
| Life Technologies (ABI) | | | | | | | | |
| StepOne | FAM | JOE, HEX, Yakima Yellow | ROX | | | | | 3-plex |
| StepOnePlus | FAM | JOE, HEX, Yakima Yellow | TAMRA, ATTO 550, DY-549 | ROX | | | | 4-plex |
| 7000 | FAM | Yakima Yellow, JOE | TAMRA | ROX | | | | 4-plex |
| 7300 | FAM | JOE, HEX, Yakima Yellow | TAMRA, ATTO 550, DY-549 | ROX | | | | 4-plex |
| 7500 (Fast / Fast Dx) Real Time | FAM | JOE, HEX, Yakima Yellow | TAMRA, ATTO 550, DY-549, Cy3 | ROX, Texas Red | Cy5 | | | 5-plex |
| 7700 | FAM | JOE, HEX, TET, Yakima Yellow | TAMRA | ROX | | | | 4-plex |
| 7900 HT | FAM | JOE, HEX, TET, Yakima Yellow | TAMRA, ATTO 550, DY-549 | ROX | | | | 4-plex |
| Cepheid | | | | | | | | |
| Smart Cycler | FAM, ATTO 488 | Cy3, TET, ATTO 550, TAMRA | Texas Red, ROX, LC 610 | Cy5, ATTO 647N, DY-649 | | | | 4-plex |

| Model | Ch 1 | Ch 2 | Ch 3 | Ch 4 | Ch 5 | Ch 6 | Ch 7 | Multiplexing |
|--|--|--|--|--|--------------------------------|--------------------------------|--------------------------|--------------|
| QIAGEN | | | | | | | | |
| Rotor-Gene Q 2plex | FAM, ATTO 488 | JOE, HEX, TET, Yakima Yellow, ATTO 520 | | | | | | 2-plex |
| Rotor-Gene Q 2plex HRM | FAM, ATTO 488 | JOE, HEX, TET, Yakima Yellow, ATTO 520 | | | | | | 2-plex |
| Rotor-Gene Q 5plex | FAM, ATTO 488 | JOE, HEX, TET, Yakima Yellow, ATTO 520 | ROX, Cy3.5, Texas Red | Cy5, LC 640, ATTO 647N, LC 670 | LC 705, ATTO 680, Cy5.5 | | | 5-plex |
| Rotor-Gene Q 5plex HRM | FAM, ATTO 488 | JOE, HEX, TET, Yakima Yellow, ATTO 520 | ROX, Cy3.5, Texas Red | Cy5, LC 640, ATTO 647N, LC 670 | LC 705, ATTO 680, Cy5.5 | | | 5-plex |
| Rotor-Gene Q 6plex | Alexa Fluor 350 | FAM, ATTO 488 | JOE, HEX, TET, Yakima Yellow, ATTO 520 | ROX, Cy3.5, Texas Red | Cy5, LC 640, ATTO 647N, LC 670 | LC 705, ATTO 680, Cy5.5 | | 6-plex |
| Roche Applied Science | | | | | | | | |
| LC 1.2 | FAM, ATTO 488, TET, ATTO 520, JOE, Yakima Yellow | ATTO 647N, LC 670, DY-649, Cy5.5, ATTO 680, LC 705 | | | | | | 2-plex |
| LC 1.5 | FAM, ATTO 488, ATTO 520, TET | ATTO 610, DY-610, LC 640 | ATTO 680, LC 705, Cy5.5 | | | | | 3-plex |
| LC 2.0 | FAM, ATTO 488, ATTO 520, TET | HEX, Yakima Yellow, DY-549, Cy3 | LC 610, Texas Red, Cy3.5, ROX | ATTO 610, DY-610, LC 640 | Cy5, ATTO 647N, DY-649, LC 670 | Cy5.5, ATTO 680, LC 705 | | 6-plex |
| LC 480 | FAM | ATTO 488, TET | JOE, Yakima Yellow, HEX | ATTO 550, TAMRA, ATTO 565, LC 610, ROX | ATTO 610, DY-610, LC 640 | Cy5, ATTO 647N | | 6-plex |
| LC 480 II | FAM | ATTO 488 | TAMRA, Cy3 | LC 610, Cy3.5, Texas Red | DY-610, ATTO 610, LC 640 | ATTO 647N, LC 670, DY-649, Cy5 | | 6-plex |
| LC 1536 | FAM, ATTO 488 | HEX, TAMRA, Cy3 | | | | | | 2-plex |
| LC Nano | FAM, ATTO 488 | Yakima Yellow, HEX | LC 610, Texas Red, Cy3.5, ROX | Cy5 | | | | 4-plex |
| Stratagene (Agilent Technologies) | | | | | | | | |
| MX3000P | FAM, ATTO 488 | TET, ATTO 520 | HEX, JOE, Yakima Yellow | Cy3, ATTO 550, DY-569 | TAMRA, ATTO 565 | ROX, Texas Red, LC 610, Cy3.5 | ATTO 633, ATTO 647N, Cy5 | 7-plex |
| MX3005P | FAM, ATTO 488 | TET, ATTO 521 | HEX, JOE, Yakima Yellow | Cy3, ATTO 550, DY-569 | TAMRA, ATTO 565 | ROX, Texas Red, LC 610, Cy3.5 | ATTO 633, ATTO 647N, Cy5 | 7-plex |
| MX4000 | FAM, ATTO 488 | TET, ATTO 522 | HEX, JOE, Yakima Yellow | Cy3, ATTO 550, DY-569 | TAMRA, ATTO 565 | ROX, Texas Red, LC 610, Cy3.5 | ATTO 633, ATTO 647N, Cy5 | 7-plex |