

## cells



### FOR PHOTOMETRIC DETECTORS

Preparative **cells** for Ecom photometric detectors can be divided into two groups. Standard inner cells are situated inside the detector unit and connection with the column is made by stainless steel or PTFE made tubing. External cells are situated on the column output and are connected to the detector by optical fiber cables.

| Type              | Optical length<br>mm | Cell volume<br>$\mu$ l | Flow rate<br>ml/min. | Connection              |
|-------------------|----------------------|------------------------|----------------------|-------------------------|
| PLCC 3L           | 0,3                  | 80                     | 3000                 | 3/16", 5/16"- 24        |
|                   | 1,9 – 2,1            | 100                    |                      |                         |
|                   | 3,7 – 3,9            | 120                    |                      |                         |
| PLCC 04           | 0,4                  | 40                     | 200                  | 1/16" x 1mm             |
|                   | 1,3 – 1,4            | 55                     |                      |                         |
|                   | 2,3 – 2,4            | 70                     |                      |                         |
| PLCC 05           | 0,3 – 0,4            | 40                     | 500                  | 1/8" x 1/16"            |
|                   | 1,3 – 1,4            | 55                     |                      |                         |
|                   | 2,3 – 2,4            | 70                     |                      |                         |
| PLCC 14           | 0,1 +/- 0,05         | 40                     | 500                  | 1/8" or 1/16", 1/4"- 28 |
|                   | 1,3 – 1,4            | 55                     |                      |                         |
|                   | 2,3 – 2,4            | 70                     |                      |                         |
| PLCC 15           | 0,3 +/- 0,05         | 40                     | 500                  | 1/8" or 1/16", 1/4"- 28 |
|                   | 1,3 – 1,4            | 55                     |                      |                         |
|                   | 2,3 – 2,4            | 70                     |                      |                         |
| PLCC 15 EX        | 0,3 +/- 0,05         | 40                     | 500                  | Customer                |
|                   | 1,3 – 1,4            | 55                     |                      |                         |
|                   | 2,3 – 2,4            | 70                     |                      |                         |
| PLCC 20 High Flow |                      |                        | 15 000               | 1/2", 1/4"- 18          |