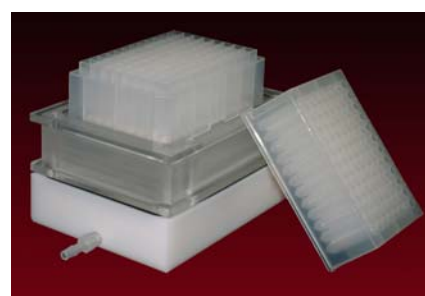


# 96 and 48Deep Well Plates

-----Ideal for All SPE Applications and High Throughput Screening

96 and 48Deep Well Plates are made from solvent resistant, low extractable polypropylene. Standard frits are polyethylene with 20µ pores.



## 96 Deep Well Filter Plates

| Description                                  | Part Number | Units |
|--|-------------|-------|
| Empty 96 deep well plate with frits inserted | WOR961FR    | 1     |
| Empty 96 deep well plate without frits Loose | WOR960FR    | 1     |
| 96 deep well plate round frits Loose 96      | FR10961P    | 96    |
| deep well plate square frits                 | FR20961P    | 96    |

## 96 Deep Well Filter Plates -- Product Guide

### Reversed Phase (Hydrophobic)

| Sorbent       | Part Number | Amt. per well, mg | Sorbent      | Part Number | Amt. per well, mg |
|---------------|-------------|-------------------|--------------|-------------|-------------------|
| Endcapped C18 | WORCEC18105 | 50                | Endcapped C2 | WORCEC02105 | 50                |
|               | WORCEC1811  | 100               |              | WORCEC0211  | 100               |
|               | WORCEC1812  | 200               |              | WORCEC0212  | 200               |
|               | WORCEC1813  | 300               |              | WORCEC0213  | 300               |
| Endcapped C8  | WORCEC08105 | 50                | Cyclohexyl   | WORCYH105   | 50                |
|               | WORCEC0811  | 100               |              | WORCYH11    | 100               |
|               | WORCEC0812  | 200               |              | WORCYH12    | 200               |
|               | WORCEC0813  | 300               |              | WORCYH13    | 300               |
| Endcapped C4  | WORCEC04105 | 50                | Phenyl       | WORPHY105   | 50                |
|               | WORCEC0411  | 100               |              | WORPHY11    | 100               |
|               | WORCEC0412  | 200               |              | WORPHY12    | 200               |
|               | WORCEC0413  | 300               |              | WORPHY13    | 300               |

## 96 Deep Well Filter Plates -- Product Guide

### Normal Phase (Hydrophilic)

| <u>Sorbent</u>                          | <u>Part Number</u> | <u>Amt. per well, mg</u> | <u>Sorbent</u>                                | <u>Part Number</u> | <u>Amt. per well, mg</u> |
|---|--------------------|--------------------------|---|--------------------|--------------------------|
| <b>Silica</b>                           | WORSIL105          | 50                       | <b>Florisil®<br/>60-100mesh</b>               | WORFLS05           | 50                       |
|   | WORSIL11           | 100                      |   | WORFLS11           | 100                      |
|   | WORSIL12           | 200                      |   | WORFLS12           | 200                      |
|   | WORSIL13           | 300                      |   | WORFLS13           | 300                      |
| <b>Pharma-Sil®</b>                      | WORPHSIL105        | 50                       | <b>Florisil®<br/>100-200mesh,<br/>Grade A</b> | WORFLSA05          | 50                       |
|   | WORPHSIL11         | 100                      |   | WORFLSA1           | 100                      |
|   | WORPHSIL12         | 200                      |   | WORFLSA2           | 200                      |
|   | WORPHSIL13         | 300                      |   | WORFLSA3           | 300                      |
| <b>High Surface<br/>Activity Silica</b> | WORHSSIL105        | 50                       | <b>Alumina, Acidic</b>                        | WORALA05           | 50                       |
|   | WORHSSIL11         | 100                      |   | WORALA1            | 100                      |
|   | WORHSSIL12         | 200                      |   | WORALA2            | 200                      |
|   | WORHSSIL13         | 300                      |   | WORALA3            | 300                      |
| <b>Diol</b>                             | WORDOL105          | 50                       | <b>Alumina, Neutral</b>                       | WORALN05           | 50                       |
|   | WORDOL11           | 100                      |   | WORALN1            | 100                      |
|   | WORDOL12           | 200                      |   | WORALN2            | 200                      |
|   | WORDOL13           | 300                      |   | WORALN3            | 300                      |
| <b>Cyanopropyl</b>                      | WORCNP105          | 50                       | <b>Alumina, Basic</b>                         | WORALB05           | 50                       |
|   | WORCNP11           | 100                      |   | WORALB1            | 100                      |
|   | WORCNP12           | 200                      |   | WORALB2            | 200                      |
|   | WORCNP13           | 300                      |   | WORALB3            | 300                      |
| <b>Ion Exchange (Anion)</b>             |                    |                          | <b>Ion Exchange (Cation)</b>                  |                    |                          |
| <b>Aminopropyl</b>                      | WORNAX105          | 50                       | <b>Benzenesulfonic<br/>Acid</b>               | WORBCX105          | 50                       |
|   | WORNAX11           | 100                      |   | WORBCX11           | 100                      |
|   | WORNAX12           | 200                      |   | WORBCX12           | 200                      |
|   | WORNAX13           | 300                      |   | WORBCX13           | 300                      |
| <b>PSA (N-2<br/>Aminopropyl )</b>       | WORPSA105          | 50                       | <b>Benzenesulfonic<br/>Acid High Load</b>     | WORBCX1HL105       | 50                       |
|   | WORPSA11           | 100                      |   | WORBCX1HL11        | 100                      |
|   | WORPSA12           | 200                      |   | WORBCX1HL12        | 200                      |
|   | WORPSA13           | 300                      |   | WORBCX1HL13        | 300                      |
| <b>Diethylamino</b>                     | WORDAX105          | 50                       | <b>Carboxylic Acid</b>                        | WORCCX105          | 50                       |
|   | WORDAX11           | 100                      |   | WORCCX11           | 100                      |
|   | WORDAX12           | 200                      |   | WORCCX12           | 200                      |
|   | WORDAX13           | 300                      |   | WORCCX13           | 300                      |
| <b>Quaternary<br/>Amine</b>             | WORQAX105          | 50                       | <b>Propylsulfonic<br/>Acid</b>                | WORPCX105          | 50                       |
|   | WORQAX11           | 100                      |   | WORPCX11           | 100                      |
|   | WORQAX12           | 200                      |   | WORPCX12           | 200                      |
|   | WORQAX13           | 300                      |   | WORPCX13           | 300                      |
| <b>Polyimine</b>                        | WORPAX105          | 50                       | <b>Triacetic Acid</b>                         | WORTAX105          | 50                       |
|   | WORPAX11           | 100                      |   | WORTAX11           | 100                      |
|   | WORPAX12           | 200                      |   | WORTAX12           | 200                      |
|   | WORPAX13           | 300                      |   | WORTAX13           | 300                      |

## 96 Deep Well Filter Plates -- Product Guide

### Copolymeric (Multifunctional Phases)

| <u>Sorbent</u>                  | <u>Part Number</u> | <u>Amt. per well, mg</u> | <u>Sorbent</u>                   | <u>Part Number</u> | <u>Amt. per well, mg</u> |
|---------------------------------|--------------------|--------------------------|----------------------------------|--------------------|--------------------------|
| <b>Aminopropyl+ C8</b>          | WORNAX205          | 50                       | <b>Benzenesulfonic Acid + C8</b> | WORBCX205          | 50                       |
|                                 | WORNAX21           | 100                      |                                  | WORBCX21           | 100                      |
|                                 | WORNAX22           | 200                      |                                  | WORBCX22           | 200                      |
|                                 | WORNAX23           | 300                      |                                  | WORBCX23           | 300                      |
| <b>Quaternary Amine + C8</b>    | WORQAX205          | 50                       | <b>Cyanopropyl+C8</b>            | WORCNP205          | 50                       |
|                                 | WORQAX21           | 100                      |                                  | WORCNP21           | 100                      |
|                                 | WORQAX22           | 200                      |                                  | WORCNP22           | 200                      |
| <b>Carboxylic Acid+ C8</b>      | WORQAX23           | 300                      | WORCNP23                         | 300                |                          |
|                                 | WORCCX205          | 50                       | <b>Cyclohexyl + C8</b>           | WORCYH205          | 50                       |
|                                 | WORCCX21           | 100                      |                                  | WORCYH21           | 100                      |
| WORCCX22                        | 200                | WORCYH22                 |                                  | 200                |                          |
| <b>Propylsulfonic Acid + C8</b> | WORCCX23           | 300                      | WORCYH23                         | 300                |                          |
|                                 | WORPCX205          | 50                       | <b>Diol+ C18</b>                 | WORDOL305          | 50                       |
|                                 | WORPCX21           | 100                      |                                  | WORDOL31           | 100                      |
| WORPCX22                        | 200                | WORDOL32                 |                                  | 200                |                          |
| WORPCX23                        | 300                | WORDOL33                 | 300                              |                    |                          |

### Covalent Phases

### Polymeric Resin

|                   |           |     |   |           |     |
|-------------------|-----------|-----|---|-----------|-----|
| <b>Aldehyde</b>   | WORALD105 | 50  | <b>DBX-</b><br>Benzenesulfonic Acid + C8  | WORDBX405 | 50  |
|                   | WORALD11  | 100 |   | WORDBX41  | 100 |
|                   | WORALD12  | 200 |   | WORDBX42  | 200 |
|                   | WORALD13  | 300 |   | WORDBX43  | 300 |
| <b>Epoxy</b>      | WOREPX105 | 50  | <b>DVB-</b> Polystyrene<br>Divinylbenzene | WORDVB405 | 50  |
|                   | WOREPX11  | 100 |   | WORDVB41  | 100 |
|                   | WOREPX12  | 200 |   | WORDVB42  | 200 |
|                   | WOREPX13  | 300 |   | WORDVB43  | 300 |
| <b>Isocyanate</b> | WORICN105 | 50  | <b>C18-</b> Reverse<br>Phase C18          | WORC18405 | 50  |
|                   | WORICN11  | 100 |   | WORC1841  | 100 |
|                   | WORICN12  | 200 |   | WORC1842  | 200 |
|                   | WORICN13  | 300 |   | WORC1843  | 300 |
| <b>Thiopropyl</b> | WORTHX105 | 50  | <b>BCX-</b><br>Benzenesulfonic Acid       | WORBCX405 | 50  |
|                   | WORTHX11  | 100 |   | WORBCX41  | 100 |
|                   | WORTHX12  | 200 |   | WORBCX42  | 200 |
|                   | WORTHX13  | 300 |   | WORBCX43  | 300 |
|                   |           |     | <b>QAX-</b> Quaternary<br>Amine           | WORQAX405 | 50  |
|                   |           |     |   | WORQAX41  | 100 |
|                   |           |     |   | WORQAX42  | 200 |
|                   |           |     |   | WORQAX43  | 300 |

### Method Development Plates

| <u>Description</u>  | <u>Amt. per Well, mg</u> |
|---|--------------------------|
| <b>Ion Exchange:</b> NAX, PSA, DAX, QAX, CCX, PCX, BCX                    | 50-300                   |
| <b>Non-polar, Endcapped:</b> C2,Cn4,Ct4,Ci4,C6,C8,C10,C12,C18,C20,CYH,PHY | 50-300                   |
| <b>Polar:</b> CECNP, CUCNP,DAX, DOL, NAX, PSA, SIL, CUC02                 | 50-300                   |
| <b>Polar and Ion Exchange:</b> CNP, NAX2, QAX2, CCX2, PCX2, BCX           | 250-300                  |
| <b>Pharmaceutical:</b> BCX2, NAX2, CCX, QAX, CNP, CEC02, CUC02            | 50-300                   |

## 48 Deep Well Plates



- Over 40 different sorbent chemistries
- Method development formats
- Custom packing and manufacturing
- Competitive pricing
- Full service technical support
- Satisfaction guaranteed

### IDEAL FOR ALL SPE APPLICATIONS AND HIGH THROUGH PUT SCREENING

- Up to a 5mL sample volume per well
- Compatible with Robotic and Liquid Handling Systems Including: Advanced Chemtech, Beckman, Bohdan, Gilson, Hamilton, Packard, Sagian, Tecan, Tomtec, Zinser, Zymark

| 48Deep Well Plates                      |             |       |
|---|-------------|-------|
| Description                             | Part Number | Units |
| Empty 48 deep well plate with frits     | WIM481F     | 1     |
| Inserted Loose 48 deep well plate frits | FR10481P    | 48    |
| 48 deep well collection plat            | WIM48CP     | 1     |

### 48 Deep Well Plates—Product Guide Reverse Phase (Hydrophobic)

| <u>Sorbent</u>       | <u>Part Number</u> | <u>Amt. per well, mg</u> | <u>Sorbent</u>     | <u>Part Number</u> | <u>Amt. per well, mg</u> |
|----------------------|--------------------|--------------------------|--------------------|--------------------|--------------------------|
| <b>Endcapped C18</b> | WIMCEC1811         | 100                      | <b>EndcappedC2</b> | WIMCEC0211         | 100                      |
|                      | WIMCEC1813         | 300                      |                    | WIMCEC0213         | 300                      |
|                      | WIMCEC1815         | 500                      |                    | WIMCEC0215         | 500                      |
|                      | WIMCEC181M         | 1000                     |                    | WIMCEC021M         | 1000                     |
| <b>Endcapped C8</b>  | WIMCEC0811         | 100                      | <b>Cyclohexyl</b>  | WIMCYH11           | 100                      |
|                      | WIMCEC0813         | 300                      |                    | WIMCYH13           | 300                      |
|                      | WIMCEC0815         | 500                      |                    | WIMCYH15           | 500                      |
|                      | WIMCEC081M         | 1000                     |                    | WIMCYH1M           | 1000                     |
| <b>Endcapped C4</b>  | WIMCEC0411         | 100                      | <b>Phenyl</b>      | WIMPHY11           | 100                      |
|                      | WIMCEC0413         | 300                      |                    | WIMPHY13           | 300                      |
|                      | WIMCEC0415         | 500                      |                    | WIMPHY15           | 500                      |
|                      | WIMCEC041M         | 1000                     |                    | WIMPHY1M           | 1000                     |

### Normal Phase (Hydrophilic)

|                        |            |      |                                  |          |      |
|------------------------|------------|------|----------------------------------|----------|------|
| <b>Silica</b>          | WIMSIL11   | 100  | <b>Diol</b>                      | WIMDOL11 | 100  |
|                        | WIMSIL13   | 300  |                                  | WIMDOL13 | 300  |
|                        | WIMSIL15   | 500  |                                  | WIMDOL15 | 500  |
|                        | WIMSIL1M   | 1000 |                                  | WIMDOL1M | 1000 |
| <b>Pharma-Sil®</b>     | WIMPHSIL11 | 100  | <b>Cyanopropyl</b>               | WIMCYN11 | 100  |
|                        | WIMPHSIL13 | 300  |                                  | WIMCYN13 | 300  |
|                        | WIMPHSIL15 | 500  |                                  | WIMCYN15 | 500  |
|                        | WIMPHSIL1M | 1000 |                                  | WIMCYN1M | 1000 |
| <b>High Surface</b>    | WIMHSSIL11 | 100  | <b>Florisil®<br/>60-100 mesh</b> | WIMFLS11 | 100  |
| <b>Activity Silica</b> | WIMHSSIL13 | 300  |                                  | WIMFLS13 | 300  |
|                        | WIMHSSIL15 | 500  |                                  | WIMFLS15 | 500  |
|                        | WIMHSSIL1M | 1000 |                                  | WIMFLS1M | 1000 |

## 48 Deep Well Plates—Product Guide

### Normal Phase (Hydrophilic)

| <u>Sorbent</u>         | <u>Part Number</u> | <u>Amt. per well, mg</u> | <u>Sorbent</u>          | <u>Part Number</u> | <u>Amt. per well, mg</u> |
|------------------------|--------------------|--------------------------|-------------------------|--------------------|--------------------------|
| <b>Florisil®</b>       | WIMFLSA1           | 100                      | <b>Alumina, Neutral</b> | WIMALN1            | 100                      |
| <b>100-200mesh,</b>    | WIMFLSA3           | 300                      |                         | WIMALN3            | 300                      |
| <b>Grade A</b>         | WIMFLSA5           | 500                      |                         | WIMALN5            | 500                      |
|                        | WIMFLSAM           | 1000                     |                         | WIMALNM            | 1000                     |
| <b>Alumina, Acidic</b> | WIMALA1            | 100                      | <b>Alumina, Basic</b>   | WIMALB1            | 100                      |
|                        | WIMALA3            | 300                      |                         | WIMALB3            | 300                      |
|                        | WIMALA5            | 500                      |                         | WIMALB5            | 500                      |
|                        | WIMALAM            | 1000                     |                         | WIMALBM            | 1000                     |

### Ion Exchange (Anion)

|                          |          |      |
|--------------------------|----------|------|
| <b>Aminopropyl</b>       | WIMNAX11 | 100  |
|                          | WIMNAX13 | 300  |
|                          | WIMNAX15 | 500  |
|                          | WIMNAX1M | 1000 |
| <b>PSA</b>               | WIMPSA11 | 100  |
| <b>( N-2 Aminoethyl)</b> | WIMPSA13 | 300  |
|                          | WIMPSA15 | 500  |
|                          | WIMPSA1M | 1000 |
| <b>Diethylamino</b>      | WIMDAX11 | 100  |
|                          | WIMDAX13 | 300  |
|                          | WIMDAX15 | 500  |
|                          | WIMDAX1M | 1000 |
| <b>Quaternary</b>        | WIMQAX11 | 100  |
| <b>Amine</b>             | WIMQAX13 | 300  |
|                          | WIMQAX15 | 500  |
|                          | WIMQAX1M | 1000 |
| <b>Polyimine</b>         | WIMPAX11 | 100  |
|                          | WIMPAX13 | 300  |
|                          | WIMPAX15 | 500  |
|                          | WIMPAX1M | 1000 |

### Ion Exchange (Cation)

|                        |             |      |
|------------------------|-------------|------|
| <b>Benzenesulfonic</b> | WIMBCX11    | 100  |
| <b>Acid</b>            | WIMBCX13    | 300  |
|                        | WIMBCX15    | 500  |
|                        | WIMBCX1M    | 1000 |
| <b>Benzenesulfonic</b> | WIMBCXH1L11 | 100  |
| <b>Acid High Load</b>  | WIMBCXH1L13 | 300  |
|                        | WIMBCXH1L15 | 500  |
|                        | WIMBCXH1L1M | 1000 |
| <b>Carboxylic Acid</b> | WIMCCX11    | 100  |
|                        | WIMCCX13    | 300  |
|                        | WIMCCX15    | 500  |
|                        | WIMCCX1M    | 1000 |
| <b>Propylsulfonic</b>  | WIMPCX11    | 100  |
| <b>Acid</b>            | WIMPCX13    | 300  |
|                        | WIMPCX15    | 500  |
|                        | WIMPCX1M    | 1000 |
| <b>Triacetic Acid</b>  | WIMTAX11    | 100  |
|                        | WIMTAX13    | 300  |
|                        | WIMTAX15    | 500  |
|                        | WIMTAX1M    | 1000 |

### Polymeric Resin

|                        |          |      |                       |          |      |
|------------------------|----------|------|-----------------------|----------|------|
| <b>DBX-</b>            | WIMDBX41 | 100  | <b>BCX-</b>           | WIMBCX41 | 100  |
| Benzenesulfonic        | WIMDBX43 | 300  | Benzenesulfonic       | WIMBCX43 | 300  |
| Acid + C8              | WIMDBX45 | 500  | Acid                  | WIMBCX45 | 500  |
|                        | WIMDBX4M | 1000 |                       | WIMBCX4M | 1000 |
| <b>DVB-Polystyrene</b> | WIMDVB41 | 100  | <b>QAX-Quaternary</b> | WIMQAX41 | 100  |
| Divinylbenzene         | WIMDVB43 | 300  | Amine                 | WIMQAX43 | 300  |
|                        | WIMDVB45 | 500  |                       | WIMQAX45 | 500  |
|                        | WIMDVB4M | 1000 |                       | WIMQAX4M | 1000 |
| <b>C18-Reverse</b>     | WIMC1841 | 100  |                       |          |      |
| Phase C18              | WIMC1843 | 300  |                       |          |      |
|                        | WIMC1845 | 500  |                       |          |      |
|                        | WIMC184M | 1000 |                       |          |      |

## 48 Deep Well Plates—Product Guide Copolymeric (Multifunctional Phases)

| <u>Sorbent</u>                  | <u>Part Number</u> | <u>Amt. per well, mg</u> | <u>Sorbent</u>                   | <u>Part Number</u> | <u>Amt. per well, mg</u> |
|---------------------------------|--------------------|--------------------------|----------------------------------|--------------------|--------------------------|
| <b>Aminopropyl+ C8</b>          | WIMNAX21           | 100                      | <b>Benzenesulfonic Acid + C8</b> | WIMBCX21           | 100                      |
|                                 | WIMNAX23           | 300                      |                                  | WIMBCX23           | 300                      |
|                                 | WIMNAX25           | 500                      |                                  | WIMBCX25           | 500                      |
|                                 | WIMNAX2M           | 1000                     |                                  | WIMBCX2M           | 1000                     |
| <b>Quaternary Amine + C8</b>    | WIMQAX21           | 100                      | <b>Cyanopropyl+C8</b>            | WIMCNP21           | 100                      |
|                                 | WIMQAX23           | 300                      |                                  | WIMCNP23           | 300                      |
|                                 | WIMQAX25           | 500                      |                                  | WIMCNP25           | 500                      |
|                                 | WIMQAX2M           | 1000                     |                                  | WIMCNP2M           | 1000                     |
| <b>Carboxylic Acid + C8</b>     | WIMCCX21           | 100                      | <b>Cyclohexyl + C8</b>           | WIMCYH21           | 100                      |
|                                 | WIMCCX23           | 300                      |                                  | WIMCYH23           | 300                      |
|                                 | WIMCCX25           | 500                      |                                  | WIMCYH25           | 500                      |
|                                 | WIMCCX2M           | 1000                     |                                  | WIMCYH2M           | 1000                     |
| <b>Propylsulfonic Acid + C8</b> | WIMPCX21           | 100                      | <b>Diol + C18</b>                | WIMDOL31           | 100                      |
|                                 | WIMPCX23           | 300                      |                                  | WIMDOL33           | 300                      |
|                                 | WIMPCX25           | 500                      |                                  | WIMDOL35           | 500                      |
|                                 | WIMPCX2M           | 1000                     |                                  | WIMDOL3M           | 1000                     |
| <b>Covalent Phases</b>          |                    |                          |                                  |                    |                          |
| <b>Aldehyde</b>                 | WIMALD1            | 100                      | <b>Isocyanate</b>                | WIMICN1            | 100                      |
|                                 | WIMALD3            | 300                      |                                  | WIMICN3            | 300                      |
|                                 | WIMALD5            | 500                      |                                  | WIMICN5            | 500                      |
|                                 | WIMALD1M           | 1000                     |                                  | WIMICN1M           | 1000                     |
| <b>Epoxy</b>                    | WIMEPX1            | 100                      | <b>Thiopropyl</b>                | WIMTHX1            | 100                      |
|                                 | WIMEPX3            | 300                      |                                  | WIMTHX3            | 300                      |
|                                 | WIMEPX5            | 500                      |                                  | WIMTHX5            | 500                      |
|                                 | WIMEPX1M           | 1000                     |                                  | WIMTHX1M           | 1000                     |

### 48 Well Plates (Disposable)



| <u>Description</u>          | <u>Part Number</u> | <u>Amt. per Well,mg</u> | <u>Units</u> |
|-----------------------------|--------------------|-------------------------|--------------|
| <b>Benzenesulfonic Acid</b> | WP48BCX150         | 500                     | 1            |
| <b>Silica</b>               | WP48SIL150         | 500                     | 1            |
| <b>48 Well Plate Plugs</b>  | WP48DPLPGS         |                         | 24           |

### Method Development Plates (48 Deep Well Plates)

| <u>Description</u>   | <u>Amt. per Well, mg</u> |
|--|--------------------------|
| <b>Ion Exchange:</b> NAX, PSA, DAX, QAX, CCX, PCX, BCX                               | 50-300                   |
| <b>Non-polar, Endcapped:</b> C2, Cn4, Ct4, Ci4, C6, C8, C10, C12, C18, C20, CYH, PHY | 50-300                   |
| <b>Polar:</b> CECNP, CUCNP, DAX, DOL, NAX, PSA, SIL, CUC02                           | 50-300                   |
| <b>Polar and Ion Exchange:</b> CNP, NAX2, QAX2, CCX2, PCX2, BCX                      | 50-300                   |
| <b>Pharmaceutical:</b> BCX2, NAX2, CCX, QAX, CNP, CEC02, CUC02                       | 50-300                   |