



## E-Cell Stacks and Parts





### **Availability**

1. For delivery times for systems please consult your applications engineer/production facility.
2. Veolia tries to maintain stock of all E-Cell stacks and kits in the Veolia facility in Oroszlany, Hungary; however, sometimes we may not be able to maintain stock.
3. For warranty replacement of any type of E-Cell EDI stack, a Return Authorization Form must be completed, including a Purchase Order, and sent to the appropriate Veolia facility. Refer to the E-Cell Stack Warranty Terms and Conditions.

**For customer service and ordering, contact your local Veolia sales representative.**



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## E-Cell Standard Stack

| Product                        | SAP Part Number | Volume |                                    |
|--------------------------------|-----------------|--------|------------------------------------|
|                                |                 |        | Ex-Works,<br>Oroszlany,<br>Hungary |
| EDI, E-Cell Stack, MK-7        | 3165143         | 1-5    |                                    |
|                                |                 | 6-19   |                                    |
|                                |                 | ≥ 20   |                                    |
| EDI, E-Cell Stack, E-Cell-3X   | 3057694         | 1-5    |                                    |
|                                |                 | 6-19   |                                    |
|                                |                 | ≥ 20   |                                    |
| EDI, E-Cell Stack, MK-3        | 3018626         | 1-5    |                                    |
|                                |                 | 6-29   |                                    |
|                                |                 | ≥ 30   |                                    |
| EDI, E-Cell Stack, MK-3PharmHT | 3041772         |        |                                    |
| EDI, E-Cell Stack, MK-3MiniHT  | 3044124         | 1-3    |                                    |
|                                |                 | ≥ 4    |                                    |

Notes: Flow rate per stack is determined by Winflows or E-Calc projection.

## Single Power Supply

| Supplier          | SAP Part Number | SAP Part Name                                                                       | CE Certified | Ex-Works,<br>Oroszlany,<br>Hungary |
|-------------------|-----------------|-------------------------------------------------------------------------------------|--------------|------------------------------------|
| Samduck Sciences  | 2700000-EA-01   | POWER,REGULATED DC SUPPLY,400V,5.5AMPS                                              | No           |                                    |
| Elektro-Automatik | 2700000-EA-02   | POWER-SUPPLY,DC,400V,EA-PS-9500-10T                                                 | Yes          |                                    |
| Elektro-Automatik | 2700000-EA-02A  | (Optional Analog Interface for 2700000-EA-02)<br>MODULE3-WAY INTERFACE,9000T-SERIES | Yes          |                                    |



## E-Cell Parts

| SAP Part Name                                                                                    | SAP Part Number | Ex-Works,<br>Oroszlany,<br>Hungary |
|--------------------------------------------------------------------------------------------------|-----------------|------------------------------------|
| <b>Electrical Connection Accessories for All E-Cell Stacks</b>                                   |                 |                                    |
| KIT C, E-CELL ELECTRICAL CONNECTOR                                                               | 1262422         |                                    |
| KIT D,E-CELL EL.CONN. /W 12'/3.66m CABLE                                                         | 1258943         |                                    |
| KIT D,E-CELL EL.CONN. /W 20'/6m CABLE                                                            | 3000151         |                                    |
| <b>Accessory Connection Parts for 3-Series Stacks (MK-3, MK-3PharmHT, MK-3MiniHT, E-Cell-3X)</b> |                 |                                    |
| KIT A,PP HOSE CONN. E-CELL 3-SERIES                                                              | 1262401         |                                    |
| KIT, PVC CONNECTIONS E-CELL 3-SERIES                                                             | 3192596         |                                    |
| KIT B, PHARMA CONN. E-CELL 3-SERIES                                                              | 1262398         |                                    |
| KIT, E-CELL SAMPLING, PLATINIZED                                                                 | 3192597         |                                    |
| KIT, E-CELL SAMPLING, SS                                                                         | 3192598         |                                    |
| KIT - CAP, E-CELL 3-SERIES                                                                       | 3048352         |                                    |
| <b>Select Replacement Parts for 3-Series Stacks (MK-3, MK-3PharmHT, MK-3MiniHT, E-Cell-3X)</b>   |                 |                                    |
| KIT G, E-CELL 3 SERIES NOZZLE CLAMPS                                                             | 3037541         |                                    |
| KIT, E-CELL 3 SERIES NOZZLE REPLACEMENTS                                                         | 3019638         |                                    |
| <b>Accessory Connection Parts for 7-Series Stacks (MK-7)</b>                                     |                 |                                    |
| KIT, PVC CONNECTIONS E-CELL 7-SERIES                                                             | 3165125         |                                    |
| <b>Select Replacement Parts for 7-Series Stacks (MK-7)</b>                                       |                 |                                    |
| UNION,1-1/4",E-CELL,MK-7                                                                         | 3164123         |                                    |
| KIT,NOZZLE RPLCMNT,MK-7 E-CELL STACK                                                             | 3186742         |                                    |

Note: Discounts can apply. Descriptions are below.



## Detailed Description of Standard E-Cell Kits

| SAP Part Name<br>(Part Number)                                                                                                                                               | Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Picture |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Electrical Connection Accessories for All E-Cell Stacks                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |
| KIT C, E-CELL ELECTRICAL CONNECTOR (1262422)                                                                                                                                 | Standard 3-pin electrical connector for all stack types consists of female plug connector only (no cable) and attaches to the male connector present on each E-Cell Stack.                                                                                                                                                                                                                                                                                                                     |         |
| KIT D, E-CELL EL. CONN. /W 12'/3.66m CABLE (1258943)                                                                                                                         | Standard cable and 3-pin electrical connector for all stack types. Consists of female plug connector with 3.6m (12ft) cable to attach to the male connector present on each E-Cell Stack.                                                                                                                                                                                                                                                                                                      |         |
| KIT D, E-CELL EL. CONN. /W 20'/6m CABLE (3000151)                                                                                                                            | Standard cable and 3-pin electrical connector for all stack types. Consists of female plug connector with 6m (20ft) cable to attach to the male connector present on each E-Cell Stack.                                                                                                                                                                                                                                                                                                        |         |
| Accessory Connection Parts for 3-Series Stacks (MK-3, MK-3PharmHT, MK-3MiniHT, E-Cell-3X)<br>*Note: Maxi and Mini flange references are for a specific sanitary flange type. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |
| KIT A, PP HOSE CONN. E-CELL 3-SERIES (1262401)                                                                                                                               | Standard hose connector kit for connecting 3 series stacks to systems in non-Pharmaceutical applications. It consists of two Mini sanitary flange x 16mm (5/8") hose barb adapters in PP (for connecting to the Concentrate nozzles), two Maxi sanitary flange x 25mm (1") hose barb adapters in PP (for connecting to the Dilute nozzles), four 1/4" NPT plugs in PVC (for the ports on the Dilute connectors), and one 3/8" tube elbow union in PP (for connecting to the Electrode nozzle). |         |
| KIT, PVC CONNECTIONS E-CELL 3-SERIES (3192596)                                                                                                                               | Standard PVC piping connector kit for connecting 3 series stacks to systems. It consists of two Mini sanitary flange x DN15 (0.5") socket adapters in PVC (for connecting to the Concentrate nozzles), two Maxi sanitary flange x DN25 (1") socket adapters in PVC (for connecting to the Dilute nozzles), four 1/4" NPT plugs in PVC (for the ports on the Dilute connectors), and one 3/8" tube elbow union in PP (for connecting to the Electrode nozzle).                                  |         |
| KIT B, PHARMA CONN. E-CELL 3-SERIES (1262398)                                                                                                                                | Standard hose connector kit for connecting 3 series stacks to systems in Pharmaceutical applications. It consists of two Mini sanitary flange x 16mm (5/8") hose barb adapters in PP (for connecting to the Concentrate nozzles), two 25mm (1") diameter x 45.7cm (18") long                                                                                                                                                                                                                   |         |



|                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                  | sanitary hoses in PVC with Maxi sanitary flange x 25mm (1") hose barb adapter in PP on each end (for connecting to the Dilute nozzles), and one 3/8" tube elbow union in PP (for connecting to the Electrode nozzle).                                                                                                                                                                                                       |                                                                                       |
| <b>Accessory Connection Parts for 3-Series Stacks (MK-3, MK-3PharmHT, MK-3MiniHT, E-Cell-3X)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
| <i>*Note: Maxi and Mini flange references are for a specific sanitary flange type.</i>           |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
| KIT, E-CELL SAMPLING, PLATINIZED (3192597)                                                       | Kit for sampling E-Cell product on 3 series stacks. It replaces the two 1/4" NPT plugs on the Dilute outlet sanitary adapter of either of the 3 series standard non-Pharmaceutical connection kits. It consists of one 1/4" NPT sample valve in PP and one 1/4" NPT grounding plug in platinized titanium. This kit is appropriate for floating or grounded DC systems.                                                     |    |
| KIT, E-CELL SAMPLING, SS (3192598)                                                               | A kit for sampling E-Cell product on 3 series stacks. It replaces the two 1/4" NPT plugs on the Dilute outlet sanitary adapter of either of the 3 series standard non-Pharmaceutical connection kits. It consists of one 1/4" NPT sample valve in PP and one 1/4" NPT grounding plug Stainless Steel. This kit is appropriate for grounded DC systems only; do not use on floating DC systems.                              |                                                                                       |
| KIT - CAP, E-CELL 3-SERIES (3048352)                                                             | Cap kit for the system connections to one 3 series E-Cell stack. Consists of two Maxi sanitary flange caps in PP for use with the Dilute connections, two Mini sanitary flange caps in PP for use with the Concentrate connection, and one 3/8" tubing cap in PP for use on the Electrode connection. Kit requires one clamp kit (provided with stack or PN 3037541 KIT G, E-CELL 3 Series NOZZLE CLAMPS) for installation. |  |
| <b>Select Replacement Parts for 3-Series Stacks (MK-3, MK-3PharmHT, MK-3MiniHT, E-Cell-3X)</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
| KIT G, E-CELL 3 SERIES NOZZLE CLAMPS (3037541)                                                   | Clamp kit to connect one 3 series E-Cell stack. Consists of two Maxi sanitary flange clamps with EPDM gaskets for use with the Dilute nozzles and two Mini sanitary flange clamps with EPDM gaskets for use with the Concentrate nozzles. Gaskets may be translucent or black. One clamp kit is included with all new 3 series E-Cell Stacks.                                                                               |  |
| KIT, E-CELL 3 SERIES NOZZLE REPLACEMENTS (3019638)                                               | One full set of five replacement nozzles with EPDM gaskets for one 3 series E-Cell stack. Consists of two Dilute nozzles with gaskets, two Concentrate nozzles with gaskets, and one Electrode nozzle with gasket. All nozzles screw in the end of the stack and seal with the included gaskets. Gaskets may be translucent or black.                                                                                       |  |
| <b>Accessory Connection Parts for 7-Series Stacks (MK-7)</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |



|                                                            |                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| KIT, PVC<br>CONNECTIONS E-CELL<br>7-SERIES<br>(3165125)    | Standard connector kit for connecting 7 series stacks to systems. It consists of two 16mm (5/8") tube fitting nuts in PP (for connecting to the Concentrate nozzles), two DN32 (1.25") grooved pipe x DN32 (1.25") pipe adapters in PVC (for connecting to the Dilute nozzles), and one 3/8" tube elbow union in PE (for connecting to the Electrode nozzle).                  |   |
| <b>Select Replacement Parts for 7-Series Stacks (MK-7)</b> |                                                                                                                                                                                                                                                                                                                                                                                |                                                                                      |
| UNION, 1-1/4", E-CELL, MK-7<br>(3164123)                   | One non-metallic DN32(1.25") grooved pipe clamp with EPDM gasket for use with the Dilute nozzles. Two clamps per stack required. Two clamps included with all new 7 series E-Cell Stacks.                                                                                                                                                                                      |   |
| KIT, NOZZLE<br>RPLCMNT, MK-7 E-CELL STACK<br>(3186742)     | One full set of five replacement nozzles with EPDM gaskets for one 7 series E-Cell stack. Consists of two Dilute nozzles with gaskets, two Concentrate nozzles with gaskets, two 16mm (5/8") tube fitting nuts for the Concentrate nozzles, and one Electrode nozzle with gasket. All nozzles screw in the end of the stack and seal with the included gaskets (not pictured). |  |

## Terms and Conditions

These conditions are part of any offer extended and any exceptions must be authorized in writing.

### QUOTATIONS

Proposal drawings and catalog data are provided by Seller to show only general style, arrangement and approximate dimensions. All engineering data required for layout, design and installation drawings are to be provided by Buyer promptly after order is placed. The required outline drawings will then be prepared by Seller and, if required and requested, submitted to Buyer for approval.



Seller expressly reserves all rights of ownership including, without limitation, all copyrights, in and to all quotations, drawings and other data. Any quotations, drawings and other data provided to Buyer are confidential and may not be used, copied, duplicated, or made available to third parties without Seller's written consent.

Quotations are rendered by Seller only as an invitation for an offer from Buyer. Any offer made by Buyer shall not be considered as accepted nor the terms thereof binding on Seller until written confirmation of said offer has been sent by Seller.

Goods covered by a quotation will weigh approximately the amount stated in such quotation.

Shipment dates noted on quotations represent Seller's best estimate of probable delivery time considering conditions known at the time the quotation is prepared. Delivery of materials and installation, if any, are contingent upon fires, floods, strikes, lockouts, accidents in Seller's own works or of those furnishing Seller with material, inability to obtain scheduled labor or material, delays in transportation, and any other acts whatsoever beyond Seller's reasonable control which may prevent or delay delivery of installation.

Quotations and proposals are submitted for an immediate offer by Buyer and are subject to change or withdrawal without notice after 30 days from the date of preparations.

Seller is not responsible for meeting state and local codes or ordinances, or other special codes not specifically stated in writing on the purchase document or contract.



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