

shopping list for 3rd party components for VINDTA 3S or 3C:

:

from Metrohm (or Brinkmann in USA):

1) Parts not available any more; however, if you have these items in the lab, you can use the hardware for the VINDTA:

- Titrino 719SET
- or similar
- burette unit 5ml
- stirrer 728
- electrode with screw cap #6.0729.100
- cable with Metrohm plug
(you may want to order a second electrode as backup, however you will need only one cable)
- adapter BNC-Metrohm socket # 6.2103.090
(it is for your Orion electrode)

and from Thermo-Orion:

- Ross electrode 8101 BN

There is also the option to use an older 665 Dosimat and 713 pH Meter with the VINDTA software, contact MARIANDA

2) Actual Metrohm parts:

- pH module 867 # 2.867.0010
- Dosino 800 #2.800.0010
- Dosing unit 5 ml #6.3032.150
- Stirrer 801 #2.801.0040
- USB cable #6.215.1000
- Aquatrode plus #6.215.1010

from UIC (VINDTA 3C only):

- Model 5011, 5012, 5014, 5015, 5017 coulometer.
(actual models are 5015 and/or 5017; there is a special version 'O' of the 5015 and 5017 coulometers with includes the 5011 emulator, otherwise state that you want a model for a VINDTA system)
- Coulometer cell(s), electrodes and chemicals

From other local sources:

- A circulation bath
(should be refrigerated to work at room temperature). If buying a new one, a 4-5 L capacity bath is fine, check for the opening, 5 x 5 inch is better than 4 x 4.
- Carrier gas, either Nitrogen or dry, CO₂-free air at 1 bar (minimum) (VINDTA 3C only)
- NaCl-salt, low quality, a few kg (for rinsing solution)
- Hydrochloric acid (to prepare 0.1molar solutions)
- Certified Reference Material
- Some sea water (for testing)