

AHST-16 AHST system complete for 16 vials



AHST gives efficiency, labor saving, QOL

- Easy vial sealing without burners.
- For various chemical processes which should be performed in a sealed condition.
- Allows easy operation without skills such as: -complete vial sealing under vacuum; - removal of excess solvents or reagents; -accurate temperature control during reactions including hydrolysis.



① AHST-16HB Heat block for 16 vials
② AHST-16TC Temperature controller for 16 vials



③ H815



⑥ H500 x16



⑧ H255 x100



③ AHST-8BS
8 positions Blow stand
• Chips x 8
• Tubes for nitrogen gas



④ AHST-8L x2



⑦ H400 PTFE x100



⑨ M310 x100

Application examples

- Liquid phase hydrolysis of peptide/protein (amino acid analysis)
- Pretreatment for fatty acid analysis (methyl esterification)
- Pretreatment for steroid analysis (trimethylsilylation)
- Pretreatment of amino analysis using HPLC (Derivatization of OPA, Fmoc, dansyl etc.)
- Inert derivatization in Combinatorial Chemistry

AHST



Conventional



P/N AHST-16 & Accessories/Consumers

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|---|--|---|--------------------------------------|
| ① | AHST-16HB: Heating block – Temp. controller for 16 vials x1 | ⑥ | H500: Sealing plug x16 |
| ② | AHST-16TC: Temp. controller x1 | ⑦ | H400: PTFE septum x100 |
| ③ | AHST-8BS: Blowing stand (PTFE-made, with pressure valve) x1 | ⑧ | H255: Glass vial x100 |
| ④ | AHST-8L: Vial rack (8-positioned) x2 | ⑨ | M310: Cap for glass vial x100 |
| ⑤ | H815: Vacuum vessel x1 | | |