The longest line

α-Adrenergic
Clonidine hydrochloride, [4,6-3H]-
Desmethyli mipramine hydrochloride, [2,4,6,8-3H]-
Dihydro-α-ergocryptine, 9,10-[9,10-3H(N)]-
WB-4101 (2,6-Dimethoxyphenoxethyl) aminomethyl-1, 4-benzodioxane, 2-[pentoxy-3-3H(N)]-
Epinephrine, levo-[methyl-3H]-
Norepinephrine, levo-[7,8-3H(N)]-

β-Adrenergic
Carazolol, DL-[3,6-3H(N)]-
Dihydroalprenolol hydrochloride, levo-[propyl-2,3-3H]-
Epinephrine, levo-[N-methyl-3H]-
Hydroxybenzylisoproterenol, p-[7-3H]-
Idodohydroxybenzylpindolol, [3H]-
Isoproterenol, DL-[7-3H(N)]-
Norepinephrine, levo-[7,8-3H(N)]-
Propranolol, L-[4-3H]-
Aspartate
Aspartic acid, D-[2,3-3H]-
Aspartic acid, L-[2,3-3H]-
Methyl-D-aspartic acid, N-[methyl-3H]-

Benzodiazepine
Diazepam, [methyl-3H]-
Flunitrazepam, [methyl-3H]-

Cholinergic
Muscarinic
Acetylcholine chloride, [N-methyl-3H]-
Choline chloride, [methyl-3H]-
Pilocarpine, [PH]-
Scopolamine methyl chloride, [N-methyl-3H]-

Nicotinic
Acetylcholine chloride, [N-methyl-3H]-
α-Bungarotoxin, [3H]-
Choline chloride, [methyl-3H]-
Tubocurarine chloride, dextra-[13-3H(N)]-

Dopaminergic
ADTN Amino-8,7,9-dihydroxy-1,2,3,4-tetrahydronaphthalene, 2-[5,8-3H]-
Amphetamine sulfate, D-[PH(G)]-
Apomorphine, [8,9-3H]-
Chlorpromazine, [PH]-
Dihydroxyphenylethylamine, 3,4-[ethyl-1-3H(N)]- or [ethyl-2-3H(N)]-
Haloperidol, [PH(G)]-
Propylnorapomorphine, N-[propyl-3H(N)]-
Spiropiperidol, [1-phényl-4-3H]-

GABA
Alanine, β-[3H(N)]-
Aminobutyric acid, γ-[2,3-3H(N)]-
Dihydropicrotoxinin, α-[8,10-3H]-
Isoguvacine hydrochloride, [PH]-
Muscomol, [methylene-2H(N)]- or [4-3H]-
Nipécotoic acid, [ring-3H]-

Glutamate
Glutamic acid, L-[3,4-3H]-

Glycine
Glycine, [2-3H]-

Histamine
H1
Histamine, [PH(G)]-
Pyrilamine, [pyridinyl-5-3H]- (Mepyramine)
H2
Histamine, [PH(G)]-

Opiate
Dihydromorphine, [6,8-3H(N)]-
Enkephalin (5-L-tyrosine), [tyrosyl-3,5-3H(N)]-
Enkephalin (5-L-methionine), [tyrosyl-3,5-3H(N)]-
Enkephalinamida (2-D-alanine-5-L-methionine), [tyrosyl-ring-2,6-3H]-
Ethylketocyclazocine, [9-3H]-
Morphine, [6-3H(N)]-

Serotonin
Hydroxytryptamine binoxalate, 5-[1,2-3H(N)]-
Hydroxytryptamine creatinine sulfate, 5-[1,2-3H(N)]-

Steroid
Androgen
Dihydrotestosterone, [1,2,4,5,6,7,16,17-3H(N)]-
Methyltrienolone, 17α-[methyl-3H]- (R1881)*
Testosterone, [1,2,6,7,16,17-13H(N)]-

Estrogen
Estradiol, [2,4,6,7,16,17-3H(N)]-
Iodo-3, 17β-estradiol, 16α-[3H]*
Moxestrol, [18-3H(N)]-
(R2858)*

Glucocorticoid
Dexamethasone, [6,7-3H(N)]-
Prednisolone, [6,7-3H(N)]-
Triamcinolone acetonide, [6,7-3H(N)]-

Mineralocorticoid
Aldosterone, D-[1,2,6,7-3H(N)]-

Progestosterone
Dihydroprogesterone, [1,2-3H(N)]-
Nor-17α-ethynylestradiol, 19-[6,7-3H(N)]-
Progesterone, [1,2,6,7-13H(N)]-
Promegestone, 17α-[methyl-3H]- (R5020)*

*Manufactured by NEN under license agreement of ROUSSEL-UCLAF.

Miscellaneous
Dihydroxyvitamin D2, 1α, 25-[26,27-3H]-
Dihydroxyvitamin D3, 25-[26,27-3H]-
Impiramine hydrochloride, [2,4,6,8-3H]-
Phencyclidine, [piperidyl-3,4-3H(N)]-
Reserpine, [benzoyl-2H(G)]-

Circle No. 233 on Readers’ Service Card

New labeled ligands
Aminoclonidine, p-[3,5,6-3H]-
Dioxolane, L(+)-cis-[2-methyl-3H]-
Dompérídone, [benzene-ring-3H]-
Doxépine, [methyl-3H]-
Lysergic acid diethylamide, [N-methyl-3H]-
Melanotropin Release Inhibiting Hormone, [L-proline-2, 3, 4, 5-3H]- (MRIH)
Naloxone, [N-allyl-2, 3-3H]-
Oxotremorine-M, [methyl-3H]-
Oxymorphone hydrochloride, [N-methyl-3H]-
Pargyline, [PH(G)]-
Prazosin, [fururyl-5-3H]-
Quinuclidinyl benzilate, L-[benzilic-4,4'-3H(N)]-
SKF 10,047, [N-allyl-2, 3-3H]-

Not for use in humans or clinical diagnosis.

NEN New England Nuclear

© 1980
15 AUGUST 1980

753
We call the AO One-Ten a microscope system because you can buy as much capability as you need. The "building block" design lets you add components whenever you need them. Models are available for brightfield/darkfield. Add phase contrast, fluorescence, dual view, multiview and photographic accessories.

The advanced One-Ten is widely accepted. Users like its contemporary styling and smooth, rich finish. But most of all, they like its performance and many features: the magnificent illumination from the bright tungsten-halogen illuminator with continuously variable intensity; the fine AO optics that give a flat edge-to-edge image over a 20mm field of view; the focusable nosepiece that allows the stage to remain secure and solid; the convenient low positioning of the coaxial coarse and fine focusing controls; plus much more.

Send for a detailed brochure or ask your AO dealer representative for a demonstration.
American Optical, Scientific Instrument Division, Box 123, Buffalo, NY 14240.
NOW... TOP-LOADERS BECOME ANALYTICALS.

SARTORIUS COMBINES 0.1 mg READABILITY WITH COMPACT SIZE AND CONVENIENCE.

- Fully Electronic - Digital Readout - Instant Taring
- No Weight Dialing - Portable

These microprocessor-equipped Sartorius Electronic Balances are as compact as top-loaders, yet as accurate as analyticals.

Model 1602MP (left) weighs 160g to 0.1mg; Model 1207MP (right) weighs 80g to 0.1mg. Operation is completely automatic; there are no weights to 'dial in' and no suspended 'swinging' pan. Far smaller and lighter than comparable analytical balances, these models may easily be moved to any weighing location as needed.

Sartorius... those remarkable yellow balances. For literature, write: Sartorius Division, Brinkmann Instruments, Inc., Subsidiary of Sybron Corp., Cantiague Road, Westbury, NY 11590, or call 516/334-7500.

Circle No. 173 on Readers' Service Card