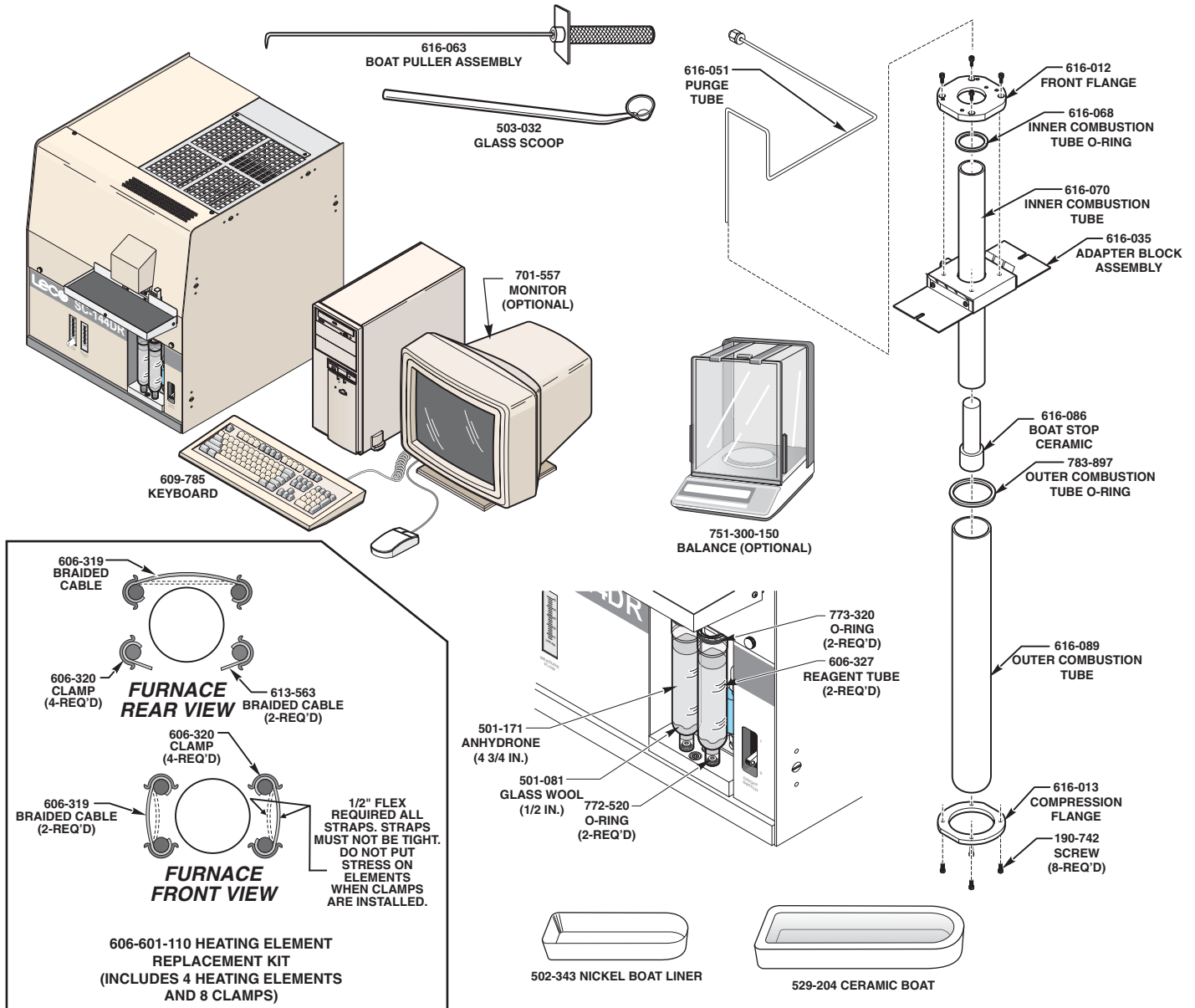




Sulfur/Carbon 144 Series Consumables & Spares Reference Card

Note: Part numbers and standards' values may change. Consult LECO for the latest information.



GENERAL COMBUSTION SUPPLIES

- 501-171 Anhydroner 454 g (1 lb. bottle)
- 769-608 Antimony Metal 200 g bottle (used for removal of fluorine and chlorine)
- 616-086 Boat Stop Stepped Ceramic
- 501-426 ComAid™ for Solids 454 g (1 lb.) bottle
- 501-427 ComAid™ for Liquids 454 g (1 lb.) bottle
- 502-321 COM-CAT 250 g bottle
- 529-204 Combustion Boat - Ceramic 50/package
- 529-204-250 Combustion Boat - Ceramic 250/package
- 769-610 F-CL Absorbent Material 225 g bottle
- 501-081 Glass Wool 454 g (1 lb.) package
- 763-265 Glass Wool 277 g (0.5 lb.) package
- 502-351 Halogen Scrubber 50 g bottle
- 502-343 Nickel Boat Liner 100/package
- 616-051 Purge Tube

GENERAL COMBUSTION SUPPLIES (cont'd.)

- 502-301 Tungsten Trioxide Powder 125 g bottle

COMBUSTION TUBES/GLASSWARE

- 616-070 Inner Combustion Tube, requires one (1) 616-068 O-ring, and one (1) 616-086 Boat Stop, Ceramic
- 616-089 Outer Combustion Tube, requires one (1) 783-897 O-ring
- 606-327 Reagent Tube, requires one (1) 773-320 Top O-ring, and one (1) 772-520 Bottom O-ring

See reverse side for contact information

OPERATION ACCESSORIES

606-403 Adapter Brush	502-023 Funnel
768-980 Particle Filter	776-978 Glass Scoop, Large
613-563 Braided Cables (Short Strap)	503-032 Glass Scoop, Regular
606-319 Braided Cable	606-601-110 Heating Element Kit
606-320 Clamps	606-316 Outlet Port Adapter
761-929 Crucible Tongs	501-241 Vacuum Grease
175-590 Diaphragm & Flapper Valve Kit (for Pump)	501-614 Spatula
613-564 Expansion Tool for T-Clamps	606-224 Thermocouple
	789-431 5K Consumable Pkg.

REFERENCE MATERIALS

COAL (50 grams)

Part No.	% Sulfur*
502-433	0.25
502-434	0.75
502-435	1.0
502-436	1.5
502-437	3.0
502-438	5.0

SET-UP STANDARDS

PARAFFIN OIL (4 oz./118 ml)

Part No.	% Sulfur
764-546	0.90-1.10
764-547	1.90-2.10
501-099	3.90-4.10

ZINC SULFIDE (50 grams)

Part No.	% Sulfur
502-085	32.91

SOIL (65 grams)

Part No.	% C	% H	% N	% S
502-062	0.75-1.25	**	**	**
502-308	2.50-3.50	—	**	**
502-309	10.0-14.0	—	**	**

TOBACCO LEAVES (20 grams)

Part No.	% C	% H	% N	% S
502-082	35.0-47.0	4.0-7.0	2.0-4.0	0.3-0.8

EDTA (50 grams)

Part No.	% C	% H	% N	% S
502-092	40.80-41.20	5.46-5.54	9.52-9.60	—

EDTA (250 grams)

Part No.	% C	% H	% N	% S
502-092-250	40.80-41.20	5.46-5.54	9.52-9.60	—

GLYCINE (50 grams)

Part No.	% C	% H	% N	% S
502-211	32.00	6.67	18.66	—

CORN GLUTEN (50 grams)

Part No.	% C	% H	% N	% S
502-272	51.0-53.0	7.0-7.5	11.0-12.0	0.75-1.0

ALFALFA (50 grams)

Part No.	% C	% H	% N	% S
502-273	45.0-47.0	5.5-6.5	2.5-5.0	0.25-0.35

SET-UP STANDARDS (continued)

WHEAT FLOUR (50 grams)

Part No.	% C	% H	% N	% S
502-274	44.0-46.0	6.0-7.0	2.5-3.5	0.15-0.25

RYE FLOUR (50 grams)

Part No.	% C	% H	% N	% S
502-275	43.5-45.5	6.0-7.0	1.5-2.5	0.10-0.20

OAT MEAL (50 grams)

Part No.	% C	% H	% N	% S
502-276	45.0-47.0	6.0-7.0	2.5-3.5	0.15-0.25

BARLEY (50 grams)

Part No.	% C	% H	% N	% S
502-277	45.0-47.0	6.0-7.0	1.0-3.0	0.10-0.20

RICE FLOUR (50 grams)

Part No.	% C	% H	% N	% S
502-278	43.0-45.0	6.0-7.0	1.0-3.0	0.10-0.20

CERTIFIED REFERENCE MATERIALS

COAL (50 grams)

Part No.	%S*	Part No.	%S*
502-383	0.25	502-386	1.5
502-384	0.75	502-387	3.0
502-385	1.0	502-388	5.0

RESIDUAL FUEL OIL (4 oz./118 ml)

Part No.	%S	Part No.	%S
502-389	0.1	502-392	2.0
502-390	0.5	502-393	3.0
502-391	1.0	502-394	4.5

WHITE MINERAL OIL (4 oz./118 ml)

Part No.	% S	Part No.	%S
502-417	0.01	502-421	1.0
502-418	0.05	502-422	2.0
502-419	0.10	502-423	3.0
502-420	0.50		

DIESEL FUEL (4 oz./118 ml)

Part No.	% S	Part No.	%S
502-424	0.01	502-429	1.0
502-425	0.03	502-430	2.0
502-426	0.05	502-431	3.0
502-427	0.10	502-432	4.5
502-428	0.50		

*Reported on Dry Basis

**Values vary—contact LECO for current levels.

NOTES: Plant tissue samples should be dried at 85°C for two hours; all other samples should be dried at 105°C for one hour.

Part numbers and standards' values may change. Consult LECO for latest information.

United States:
Ph: 1-800-292-6141
Fax: 269-982-8977
Canada:
Ph: 1-800-268-0215
Fax: 905-564-6582



represented by:

Other Countries:
Ph: 269-983-5531
Fax: 269-983-3850