

Neutralization Number by Color Indicator Titration

ASTM D 128-18, ASTM D 128-20, DIN 51809-1 (obs.), IP 37, JIS K2220

Product group(s): Grease, Wax

User group(s): Grease, Wax

Scope: These test methods for analysis cover greases of the conventional type, which consist essentially of petroleum oil and soap.
The constituents that can be determined are soap, unsaponifiable matter (petroleum oil, and so forth), water, free alkalinity, free fatty acid, fat, glycerin, and insolubles.



Neutralization Number Test Equipment

to be composed of:

- Neutralization Number Apparatus
- Heating Assembly

Main Unit

17-0620

Neutralization Number Apparatus

ASTM D 128-18 + 20 - IP 37 - JIS K2220 (DIN 51 809-1)



Consisting of:

- 10 Erlenmeyer flasks 250 ml
- 10 stoppers made of glass
- 1 burette 25 ml
- 1 twin-burette-holder
- 1 magnetic stirrer
- 1 stirrer rod

Power supply: 230 V, 50/60 Hz

17-0640

Heating Assembly

for thermal treatment of samples under reflux

ASTM D 128-18 + 20 - ASTM D 664 - BS 4457 -
IP 37 - IP 177 - JIS K2501 (DIN 51 809-1)



Consisting of:

- 1 electric heater in stainless steel housing with built-in electronic power regulator "m2"
- 1 support board
- 1 support rod
- 1 boss head
- 1 clamp
- 1 Erlenmeyer flask 250 ml
- 1 ground stopper
- 1 Allihn condenser 250 mm

Power supply: 230 V, 50/60 Hz

Options & Accessories

17-0614	Erlenmeyer Flask, 250 ml, NS 29/32, pack of 10
17-0615	Stopper, glass (NS B 29/32), semi-hollow, pack of 10

Spare Parts

13-0172	Allihn Condenser, 250 mm, NS 29/32
13-0173	Stopper, glass (NS B 29/32), semi-hollow
16-0859	Erlenmeyer-Flask, 250 ml (NS 29/32) (DIN 12 387), borosilicate glass
17-0605	Burette with side cock, 25 ml, pack of 2
17-0606	Twin-Burette-Holder with stand
11-0018	Heater Rod 200 W, 115-230 V
11-0019	Heating Element with 4 heater rods Power supply: 230 V, 50/60 Hz, 800 W
11-0137	Support Board, center hole Ø 38 mm (1 ½") glass ceramics (150 x 150 x 4 mm)
25-0004	Control Module "m2" to regulate the heating power Power supply: 230 V, 50/60 Hz
25-0040	Magnetic Stirrer Power supply: 230 V, 50/60 Hz

Order Guideline

Minimum equipment:	1x 17-0620, 1x 17-0640
Spares (approx. 1 year):	Flask, Stopper, Burette
Additional requirements:	