

Photographic Notes.

Ready-Made Photographic Solutions.*

There are many amateurs who do not care to make their own solutions, and will frequently bring their own formulas to be made up, preferring to pay a little extra for the trouble they are saved. But there is a much larger class still who will buy ready-made solutions, particularly if the strength of the principal ingredient be stated on the bottle.

A typical hydroquinone developer is the following:

No. 1.

Hydroquinone	Gm. 10
Sodium sulfite	Gm. 20
Sulfurous acid	Cc. 4
Distilled water	to Cc. 250

No. 2.

Sodium carbonate, pure ..	Gm. 84
Potassium hydrate	Gm. 10
Distilled water (to make) ..	Cc. 250

Label: For use, mix in equal parts, and add 3 times the quantity of water.

mixed together they may be put up in screw capped bottles, the cap being used as a measure.

EIKONOGEN.

This is but little used now, but it forms a good one-solution developer:

Distilled water	to Cc. 1000
Sodium sulfite (anhydrous) ..	Gm. 150
Potassium carbonate	Gm. 30
Eikonogen	Gm. 20

For use mix with three parts of water.

METOL.

One of the newer developers which is not often used alone, but generally in



Park Lake.

PYROGALLOL.

A 10 per cent. solution of this will, as a rule, sell well. A good formula is:

Pyrogallol	Gm. 100
Potassium metabisulfite ..	Gm. 50
Distilled water	to Cc. 1000

Label: "Ten per cent. Pyro Solution."

Every 10 minims are equal to 1 grain of dry pyro.

Ten per cent. solutions of potassium bromid, sodium carbonate, and liq. ammonia fort. o SSo may also be made up.

HYDROQUINONE.

This cannot be made up in aqueous 10 per cent. solution, but the following will not only keep well, but sell well.

Hydroquinone	Gm. 100
Glycerin	Cc. 100
Methylated alcohol	to Cc. 1000

* Pharmaceutical Journal L.

ONE-SOLUTION HYDROQUINONE.

Hydroquinone	Gm. 6
Sodium sulfite	Gm. 10
Sodium carbonate	Gm. 60
Eosine	Gm. 0.06
Distilled water (to make) ..	Cc. 250

When required for use dilute with 4 parts of water.

POWDER DEVELOPER.

No. 1.

Hydroquinone	Gm. 6
Sodium sulfite (anhydrous) ..	Gm. 3

No. 2.

Sodium carbonate (exsic) ..	Gm. 28
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Directions: Dissolve the above in 1,200 gm. of water. The powders should be wrapped in waxed paper and tinfoil, and may even be divided up into small powders for lesser quantities of water, or if

conjunction with pyro or hydroquinone.

(Single Solution.)

Metol	Gm. 20
Sodium sulfite (anhydrous) ..	Gm. 90
Potassium carbonate	Gm. 80
Distilled water	to Cc. 1000

For use dilute with three parts of water.

(Separate Solutions.)

No. 1.

Water	Cc. 1000
Metol	Gm. 15
Sodium sulfite	Gm. 150

No. 2r

Potassium bromid	Gm. 2
Potassium carbonate	Gm. 100
Distilled water	to Cc. 1000

For use mix 2 parts of No. 1, 1 part of No. 2, and 3 parts of water.