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**STAEDTLER 899 SM5 / 9-07-120**

# STAEDTLER Calligraphy Pen Set

MODEL: 899 SM5 / 9-07-120

## Introduction

This instruction manual provides essential information for the proper setup, operation, and maintenance of your STAEDTLER Calligraphy Pen Set. Designed for all skill levels, this comprehensive set allows you to explore the art of calligraphy with ease and precision. Please read through these instructions carefully to ensure optimal performance and longevity of your pens.

## Package Contents

Your STAEDTLER Calligraphy Pen Set includes the following items:

- 4 Calligraphy Pens (assorted colors)
- 5 Calligraphy Nibs (Extra Fine, Fine, Medium, Broad, Extra Broad)
- 20 Water-Based Dye Ink Cartridges (5 blue, 5 black, 2 brown, 2 pink, 2 green, 2 orange, 2 yellow)
- 1 Metal Pump (Converter) for use with bottled ink
- 1 Easy-to-Follow Instruction Book
- 1 Practice Paper Pad
- 1 Portable Metal Storage Tin



Image: STAEDTLER Calligraphy Pen Set with tin open, displaying all components.



Image: STAEDTLER Calligraphy Pen Set in its closed metal storage tin.

## Setup: Ink Cartridge Installation

Follow these steps to properly install an ink cartridge into your calligraphy pen:

1. **Unscrew the Nib:** Gently unscrew the black nib section from the pen barrel.
2. **Insert Cartridge:** Take an ink cartridge and insert the smaller opening end first into the pen's opening.
3. **Click into Place:** Hold the inserted ink cartridge against a strong, flat surface (such as a table top). Press down firmly on the pen to force the cartridge to click into place. You will hear a distinct click when the back of the pen nib pierces the cartridge.
4. **Reattach Nib:** Screw the nib section back onto the pen barrel until it is secure.
5. **Prime the Pen:** Place the calligraphy pen upright for approximately one minute to allow ink to flow down to the nib. Then, gently press the nib onto a scrap piece of paper. It should only take a few strokes for the ink to begin flowing consistently.

Your pen is now ready for use.

## Operating Instructions

To achieve optimal results and explore various lettering styles, consider the following tips:

- **Nib Angle:** Hold the pen so that the nib is at an angle between 30° and 45° to the horizontal line of writing. This angle is crucial for creating the characteristic thick and thin strokes of calligraphy.
- **Consistent Pressure:** Apply consistent, light pressure as you write. Excessive pressure can damage the nib

and hinder ink flow.

- **Practice:** Utilize the included practice paper pad and instruction book to familiarize yourself with different letter forms and techniques. Regular practice will improve your control and style.
- **Ink Flow:** If ink flow becomes inconsistent, gently press the nib onto a scrap piece of paper or lightly tap the pen to encourage flow. Avoid shaking the pen vigorously.

## Maintenance

Proper care will extend the life of your calligraphy pens:

- **Cleaning Nibs:** If a nib becomes clogged or ink flow is poor, remove the nib section from the pen and rinse it under cool running water until the water runs clear. Allow it to air dry completely before reassembling.
- **Storage:** Always cap your pens when not in use to prevent the ink from drying out in the nib. Store the pens horizontally or nib-upright in the provided metal tin to prevent leaks and ensure ink readiness.
- **Ink Cartridges:** Replace empty ink cartridges promptly. If using the metal pump (converter) with bottled ink, clean the converter regularly to prevent ink residue buildup.

## Troubleshooting

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Ink not flowing / Skipping	Dried ink in nib, clogged feed, empty cartridge, air bubble.	Prime the pen by pressing on scrap paper. Clean the nib under cool water. Ensure cartridge is fully pierced or converter is filled.
Leaking ink	Loose nib section, damaged cartridge, excessive shaking.	Ensure nib section is screwed on tightly. Replace damaged cartridges. Avoid vigorous shaking.
Faint or inconsistent lines	Low ink, improper nib angle, paper surface.	Check ink level. Adjust nib angle to 30-45 degrees. Use appropriate paper for calligraphy.

## Specifications

Feature	Detail
Product Dimensions	9.2 x 1.3 x 6.6 inches
Item Weight	1.01 pounds
Item Model Number	9-07-120
Brand	STAEDTLER
Writing Instrument Form	Fountain Pen
Color	Assorted
Ink Color	Assorted (Blue, Black, Brown, Pink, Green, Orange, Yellow)
Age Range (Description)	Adult
Manufacturer	Staedtler Mars

## Warranty and Support

For information regarding warranty coverage, product support, or to purchase additional accessories, please visit the official STAEDTLER website or contact their customer service department. Keep your purchase receipt as proof of purchase.