DISPOSABLE PLASTIC SYRINGES WITH NEEDLES

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity:</strong></td>
<td>120 Lakhs / Annum</td>
</tr>
<tr>
<td><strong>Plant and machinery cost:</strong></td>
<td>90.00 Lakh</td>
</tr>
<tr>
<td><strong>Working Capital:</strong></td>
<td>0.00 Lakh</td>
</tr>
<tr>
<td><strong>Rate of return (ROR):</strong></td>
<td>42.00 %</td>
</tr>
<tr>
<td><strong>Break Even Point (BEP):</strong></td>
<td>48.00 %</td>
</tr>
<tr>
<td><strong>TCI:</strong></td>
<td>253.00 Lakh</td>
</tr>
<tr>
<td><strong>Cost of Project:</strong></td>
<td>253.00 Lakh</td>
</tr>
</tbody>
</table>
Disposable syringes are a great innovation in the field of medical equipment. They are used for intramuscular and intravenous injections and are disposed off immediately after usage. The major advantages of using plastic disposable syringes are that no infection is transmitted since the injection is disposed off immediately after use. The open end of the syringe may be fitted with a hypodermic needle, a nozzle, or tubing to help direct the flow into and out of the barrel or cylindrical tube. Disposable needles are becoming more popular in the medical world due to its lower cost and higher accuracy. Plastic can be used in place of metal without any problem. The procedure is also relatively easy and cheaper. Only one disadvantage is that there is not so much heat resistance as compared to hypodermic needle. Even then the disposable needle has widely replaced hypodermic needle because of lower cost, easy compatibility and higher sterilization. Disposable needle is widely used by doctors for injection purpose with the help of syringes. With the increase in population in our country, requirement of medicine and injections has increased. Plastic syringes are typically manufactured by a process called injection molding. The machines used are called injection molding machines. These machines inject liquefied plastic into a mold which is the shape of a syringe. When the plastic cools, it forms a syringe. For quick relief, needles are used by surgeons, dental surgeons, Veterinary Surgeons and by the breeders in the poultry farm, where the farm birds are periodically injected against epidemics. During epidemics, for better control, disposable needles are of much use. Veterinary Surgeons and doctors find it more useful to use needles. With the development of pharmaceutical industries the use of syringes and disposable needles will also develop. About 70% pharmaceutical industries are in small-scale sector. The output of small-scale sector covers a wide spectrum, anti T.B. drugs, antidiysentery drugs, unit rhenemsties, haematirines, hormonal preparations, tranquilizers, analagesies and anti-Ryrities. According to McKinsey & Co. a leading industrial and management consulting organization, the Indian healthcare sector, including pharmaceutical, diagnostics and hospital services, is expected to more than double its revenues to Rs 2000 billion by 2010. Expenditure on healthcare services, including diagnostics, hospital occupancy and outpatient consulting, the largest component of this spend is expected to grow more than 125% to Rs 1560 billion by 2012 from Rs 690 billion now. Now production is very low according to demand will be raised. On that basis it can be concluded that there is a good scope for few new entrepreneurs.

Few Major players are as under:
Albert David Ltd.
Kolkata Disposable Medi-Aids Ltd.
Chennai H L L Lifecare Ltd.
Thiruvananthapuram Hindustan Syringes & Medical Devices Ltd.
Central Delhi Iscon Surgicals Ltd.
Jodhpur La Medical Devices Ltd.
Faridabad Lifeline Injects Ltd.
Mahendragarh Lifelong Meditech Ltd.
Gurgaon Nirma Ltd.
Ahmadabad Raaj Medisafe India Ltd.
Dhar Sangam Health Care Products Ltd.
Hyderabad Surgiplast Ltd.
Gandhinagar Transmedica (India) Ltd.
Chennai

Tags
Automatic Syringe Manufacturing Plant, best small and cottage scale industries, Business consultancy, Business consultant, Business Plan for a Startup Business, Business start-up, Business to business
NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are:

- Pre-feasibility study
- New Project Identification
- Project Feasibility and Market Study
- Identification of Profitable Industrial Project Opportunities
- Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies
- Market Surveys and Studies
- Preparation of Techno-Economic Feasibility Reports
- Identification and Selection of Plant and Machineries, Manufacturing Process and or Equipment required
- General Guidance
- Technical and Commercial Counseling for setting up new industrial projects and industry.

NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.